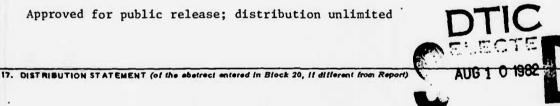


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19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Mammals Fishes Birds

Upper Mississippi River Basin

20. ABSTRACT (Continue an reverse side if necessary and identify by block number)

Provides basic information on the various biological species whose general habitat range includes the Mississippi River headwaters reservoirs region in Minnesota. Information concerning habitat, common range in the United States and Minnesota, and bibliographical reference, is presented for each species listed. This informations has been assembled as part of the environmental resource inventory and analysis system (ERIAS).

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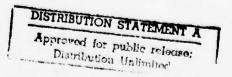




SPECIES OF THE MISSISSIPPI RIVER HEADWATERS RESERVOIRS REGION



PREPARED BY
U.S. ARMY CORPS OF ENGINEERS
ST. PAUL DISTRICT
1135 U.S. POST OFFICE & CUSTOM HOUSE
JULY 1976



INTRODUCTION

THIS BOOKLET PROVIDES BASIC INFORMATION ON THE VARIOUS BIOLOGICAL SPECIES WHOSE GENERAL HABITAT RANGE INCLUDES THE MISSISSIPPI RIVER HEADWATERS RESERVOIRS REGION (SEE FIGURE 1).

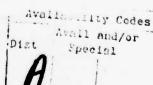
THIS BIOLOGICAL INFORMATION HAS BEEN ASSEMBLED AS PART OF THE ENVIRON-MENTAL RESOURCE INVENTORY AND ANALYSIS SYSTEM (ERIAS) DEVELOPED BY THE ST. PAUL DISTRICT FOR LAND AND WATER AREAS WITHIN ITS AREA OF JURISDICTION (SEE FIGURE 2).

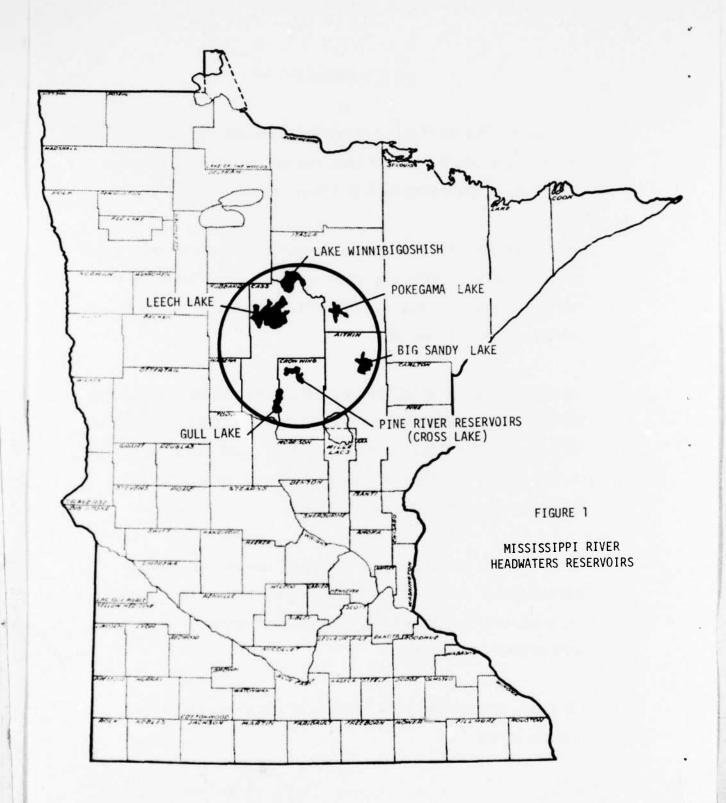
INFORMATION CONCERNING THE HABITAT, COMMON RANGE IN THE UNITED STATES, COMMON RANGE IN MINNESOTA AND BIBLIOGRAPHICAL REFERENCE, IS PRESENTED FOR EACH SPECIES LISTED. IN ADDITION, SPACE IS AVAILABLE FOR THE USER OF THIS BOOKLET TO ENTER SPECIFIC NOTES ON LOCAL POPULATIONS AS PARTICULAR SPECIES ARE SIGHTED OR STUDIED.

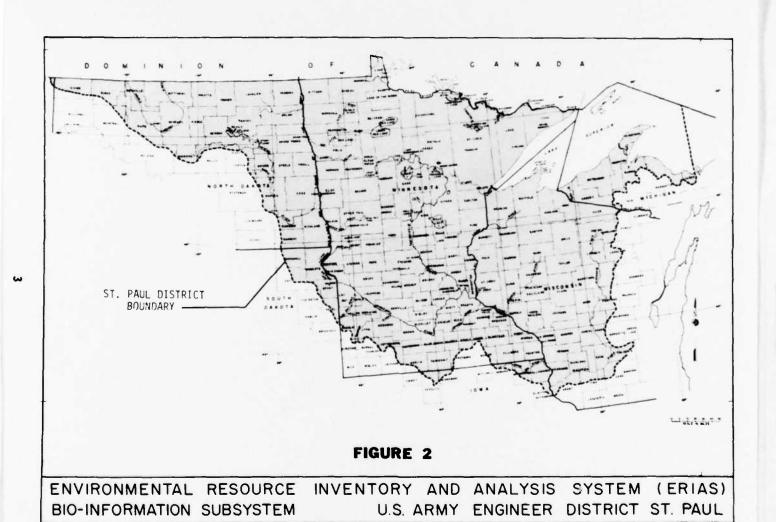
PART 1 PRESENTS A SPECIFIC LIST OF SPECIES THAT WARRANT "SPECIAL CONSIDERATIONS" AND BRIEFLY DISCUSSES THEIR STATUS. PART 2 PROVIDES THE BASIC SPECIES LIST, AND THE INFORMATION IT CONTAINS SHOULD BE BOTH INFORMATIVE AND USEFUL.

ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE ST. PAUL DISTRICT OFFICE.









SPECIES OF THE ST. PAUL DISTRICT SPECIES WARRANTING SPECIAL CONSIDERATION PART I

SPECIES OF THE MISSISSIPPI RIVER HEADWATERS RESERVOIR REGION

PART I INDEX

MAYMALS, REPTILES, AMPHIBIANS, FISHES, AND BIRDS IN NEED OF SPECIAL CONSIDERATIONS

NAME	PAGE
BOBCAT (BAY LYNX)	10
BOBWHITE	26
CISCO, SUPERIOR BLACKFIN	22
CORMORANT, DOUBLE CRESTED	26
COUGAR CRANE CANDUILL	8
CRANE, SANDHILL DARTER, LEAST	26 22
DEER, BLACKTAIL	10
DEER, MULE	10
EAGLE, BALD	26
EGRET, GREAT (COMMON EGRET)	28
ELK	8
FALCON, PEREGRINE	26
FISHER	8
FROG, BLANCHARD'S CRICKET	18
GULL, FRANKLIN'S	30
GREBE, WESTERN	28
HAWK, COOPER'S	30
HAWK, MARSH	28
HAWK, RED SHOULDERED	30
HERON, GREAT BLUE	30
KITE, SWALLOW-TAILED	28
LAMPREY, AMERICAN BROOK	22
LOON, COMMON	28
LYNX	8
MARTEN, PINE	8 14
MASSASAUGUS, EASTERN	8
MOUNTAIN LION NEWT, CENTRAL	18
OSPREY	28
OWL, BURROWING	26
PADDLEFISH	22
PANTHER	8
PELICAN, WHITE	28
PRAIRIE CHICKEN, GREATER	26
PUMA	8

NAME	PAGE
RACERUNNER, SIX-LINED (WHIPTAIL LIZARD) SALAMANDER, RED BACKED	14 18
SALAMANDER, RED BACKED SHINER, PUGNOSE	22 14
SKINK, FIVE LINED	22
STURGEON, LAKE	22
SUCKER, BLACK REDHORSE	22
SUCKER, BLUE	26
SWAN, TRUMPETER	30
TERN, COMMON	14
TURTLE, BLANDINGS	14
TURTLE, COMMON SNAPPING	14
TURTLE, FALSE MAP	14
TURTLE, WOOD	8
VOLE, ROCK	8
VOLE, YELLOWNOSE	8
WOLF, GRAY WOLF, TIMBER	8
WOLVERINE (GLUTTON)	8
WOODPECKER, PILEATED	28

	EC OF SPECIAL CONSIDERATIONS					*
10	CONFUN NAME SCIENTIFIC NAMES	MAMITAT	HANGE IN U.S.	RANGE IN STATE	SPECIAL INFORMATION	50046 C001
859	PINE MARTEN MARTES AMERICANA	LANGE, OP WSE, CLIMAX COWTFEROUS FORESTS (FIR, SPRUCE, MEMLOCK, CEOAM)	UPPER NEW ENGLAND MICH MISC AND MINN W ROCKIES TO NEW MESS MASM, ORE, CALIF	UPPEN HALFOF MONTH COUNTIES PHOM LAKE MARETURAMA TO LAKE SUPERTOR	MN-THREATENED AND PROTECTED	111
144	TELLONNOSE OR ROCK VOLE MICROTUS CHROTORRHINUS	COOL - MOIST - MGCKY MOODL 4 MOS	NE CURNER MN-QUENEC: NEW ENG EXCEPT COAST APPALACMIAN MINS TO GEORGIA	NOWTHEAST CONNER	UNCOMON AND VULNERABLE	184
574	COUGAR, PANTMER, PUMA, HTN LION PELIS CONCOLUR	HUGGED MUUNTAINS SHAMPS, FORESTS, DNCE FOUND IN MOST OF US	PROM HEST COAST INTO ROCKY HOUNTAINS, + SOUTH TX LA AH MS FL N MN GNY MNTNS	HANDERS INTO NORTH	IN-RAME, LITTLE FUTURE US-ENDANGERED	114
***	NULVERINE (GLUTTON) GULO LUSCUS	MIGM MTS OF MEST TO TIMBERLINE, TUNORA; MILDENNESS MAMMAL OF NURTH	NOW MUSTLY IN CANADA NA CURNER DF MONTANA ACOUTHERN AREA OF		MH-PROTECTED, RARE WITH LITTLE FUTURE	134
971	TIMBER UR GHAY HOLF CANIS LUPIS LTCADN	#ILDEHNESS FORESTS AND TUNNHA	NINN AND MICHIGANS SMALL AREAS OF N MT, N 10, CENT OR, NN MY, BE UT, SH CU, AZ	MONTHERN FIFTH	IN-PROTECTED US-ENDANGERED	104
175	LYNX LYNX CANADENSIS	SUREAL FOMESTS WETM SWAMPS	NORTH NEW ENGLAND, W MICH WINN AND WISC CENTRAL MOCKIES, WATH MST MUUNTNS+AK	NONTHENN THIRD EXCEPT = LETERN COUNTIES	UNCOMPON AND VULNERABLE	110
• 0	FISHFQ WAQTES DENNANTI	LANGE, CLIMAR, MITED, CUTOVEN MARDROUD POHESTS: USUALLY NEAR MATER	N NEM ENGIN MI MN NI ROCKIESC M MONT, EAST IDAMOINESTCHASH ON NCA SIEHRAS	ABBENT MEST OF HED	UNCOMMON AND MN PROTECTED	116
377	ELK CERVIS CANADENSTS	SEMINUPEN PUNENT, MT MEADUR IN SUMMEN POUTHILLS, MLAINS, VALLEYS	SMALL AMEAS OF BY, MN AM , SP SO, STHENIN WM SOUTH CAP, NORTH AZ, AN ROLATES, DECAST	WOHTHOEST DY	MN-PROTECTED, RARE WITH LITTLE FUTURE	104

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10	COMMON NAME SCIENTIFIC NAMES	HAM1TA1	-486F [5 0,5,	André la State	SPECIAL INFORMATION	200466 200466
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DV	LE OM MLACKTAIL DEF- OCCIDENS Minnus	CONTREM POMESTS, URSENT SHMUE AMEAS, CHAPAPHAL, GMASSLAND BITM SHRUBS	PHAINIE STATES AND PESTHAMBURES SUUTPENA PESTENN POUNTN	etsters mach especially int sumin- etst, man me in south east cubbre	MN-RARE	111

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104	MERHALJIJIANO UN NOEMSINA, MILLIOSE, MAMMALS OF MINNESUTA, UNIVERSITE OF MINNESUTA PRESS, MINNEAULIS, 1935,	
110	U.S.FOREST EXPENIMENT STATIUN,ST.PAUL,PERSONAL COMMUNICATIONS(1974)35 PAVI MECH CALSO MINERT GHANDEN 1974 OFNONTHIAND COLLEGO, ASPLAND, AISCONE MECH 1975,-OLE NUMBERS IN SIDERTUM NATIONAL FOREST INC. — MECH 197 THE AULE,AMERICAN MUSEUM OF NATURAL MISTORY PRESS,GANDEN (1117,17,5844)	
111	POHENT HEMMST, 1074, CHAMISSIONEN DE MINNESUTA DEPARTMENT DE NATURAL RESOURCES, COMMENTS DA THE ORAST ENVIRONMENTAL IMMACT STATEMENT DE THE NINE \$4001 CHANNEL.	
115	MURNY, FLMEN, 1974, (PERSONAL COMMUNICATION) MUSEUM OF NATURAL MISTURY, MINIMERCIA, "INNEADULIS.	
114	U.S. DEPARTMENT OF THE INTERIOR, HUMBAIL SPORT FISHERIES AND AILOLIFE, 1967 APPRAISAC OF FISH AND AILOLIFE RESUURCES OF THE PROPUSED VOTAGEORS NATIONAL PARK, 250,	
0-14	HENTAL WESTUMES INVENTIONS AND ANALYSIS STOTEM (EMIAS) OFFINITION SHEW-STOTEM 1: 07/12/75 11/10/1/	utrelipel bil bi, raul USS'-1 Liera Dr Fraire

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CATE "ATUS					221
ngu 5-LINED SKINK EU-FRES FASCIATUS		S AFF 196 TO MITE A AFST TO AT TE ME AND EAST AS UP TO ALSO	SEUTH OF LEFE	MN-THREATENED	
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OPS SEELINED HACEHUNNEH CNEHIODEHDRUS SEELINEATUS	UPEN, OFFIC UNAINFU, COVERED OITH SAND. FIELDSJOPEN HOUDS-	Partiant to Figurioa abst to Sp. extmlkg, bast bulbhaub, bast	ALUNG THE SHOTHERS THIND HE THE MISSISSIPPE HIVEN	UNCOMMON AND VULNERABLE	
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,	ENTRAL NEST IFFILTYLUS INFINESCENS UNISTANNISTS	S-alts, s-a-Ps, piliths enucland Panes, Pived Hultums	HETGEN EAST TO TO EAST TA AND ALST MA TO LASSONTH AL GA SCONNETH REGULDA	"ISSISSIPPI HIVEH VALLEY TO ITS HEAD-AITS PLUS THE	VULNERABLE	1 ∪ ق

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10	COMMON NAMES	MAD [1 A T	HANGE IN U.S.	-ANGE IN STATE	SPECIAL INFORMATION	\$110=L L10E
175	PH YORA PH YORA PARTHULA	CHEN PATENS OF LANCE SILTY RIVENS, SOMETIMES IN LANES,	MISSINSIPPI HIVE SYSTEMS HT FANG TO PA AND SOUTH 16 NC, MS, LA AND TA,	MIBSISSIPMI, ST. Louia, and minetsata others, In St. State Ub state,	MN-RARE; PROTECTED, AND VULNERABLE	• 0 2
245	HLACK BENHUMSE HUXUSTIMA DURUESNET	AFLATIVELY SMALE CLEAR STHEAMS	S ON TO ONTANIO S TOTAL AND ON IN #3 HIGH AND GHEAT LANES TO # FL	SOUTHEASTERN CONNER OF STATE	MN-RARE AND PROTECTED	400
let	MLULE SHICALO CYCLEPTUS FLOWGATUS	LANGE WIVERS, USES NOT TOLEMATE POLICITION.	FWUM MIRNESOTA AND MISCURSIN SQUITMEAND TO TERRESSEE AND SQUITMENN TERAS	ST, CHUIA HIVE- AND MISSISSIPPI HIVEH SOUTH OF ST, FAUL,	RARE AND VULNERABLE	402
20€	SUPENION MEACHER CINCO CURENCOUS NIGHIPTONIS CYANOPTENUS	DEEMEN -ATEMS.	LARE SUPERIOR, (WARE) WEIGHARDI	LARE SUPERICE.	MN-RARE AND PROTECTED	402
225	PUGNISE SHINEH NUTHIRIS ANDERNIS	CLEAM AND REEDY MATERS OF LAKES AND STREAMS.	EASTERN MORTH DARDTA EAST TO LARE ONTARIO SOUTH TO MORTHER. IL AND IN.		RARE AND VULNERABLE	ي ق به
1 # 9	LEAST MARTEN PIMEDSTOMA MICHIPENCA	SMALLUM MATERS NO LAMES AND SMALL STREAMS,	MINNESUTA EAST TO MEN TOOMS SCOTH TO RENTOCKY, AMMANSAS AND DOLAMONA,	CENTRAL December CF STATE, STATESTO CULALITE ELSTERES.	RARE AND VULNERABLE	u 0 <u>z</u>
226	[4# E STUPGEO 32 PE 4	CAMBE LAKES AT (Gerat Lanes meatnage Upper #1551551PP1 #1456 and ments of man chainage	51 [+17] E 450 -t1,	MIN-UNCO PTION AND PROTECTED	u ∪∠
236	Tambiles Tambiles Tambiles Tambeles Tamber	STALL CLEAN STREAMS	TE TESSEE AND PISSUET	ST CHRIS HISSESHIA AND NISSESHIAL HISTORY FREE Telepianity	VULNERABLE	4112
727A	FIMEDSTOMA WICHTHERCA LAME STUPGED SUPPLIES SUPPLIES AND ICAN MEDICAL LANGUAY LAMETHA	CAMEE LANES AND STAFFAMS	HE TO-RE SCOTH TO RESTORATE AND U-LAMBNA, UMPAT LANDS OBAINAU- UMPAT LAND OBAINAU- UMPAT LAND HOUSEN HAV WAINAU- UMLAT LAND TO- TE-155TE AND MISSUE-I	LARES SUPERIOR AND STATE OF THE SUPERIOR AND SELF OF THE SUPERIOR AND SELF OF THE SUPERIOR AND SUBSTITUTE OF THE SUPERIOR AND SUBSTITUTE OF THE SUPERIOR AND SUBSTITUTE OF THE SUPERIOR OF THE SUPERIOR OF THE SUPERIOR OF T	MIN-UNCOMMON AND PROTECTED	ovi 51≈Ic

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10	SCIENTIFIC NAMES	MADITAT	WANGE IN 1.5.	PINNESOTA	SPECIAL INFORMATION	SCU-L
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1417	Protoning Falcon Fall' Prheurinus	ON WITH CITES OF MICH CITES	be us minets, at us	NAME OF GRANT STATE OF DESPUSORS COMPON SRINGE HAND C	MN-RARE AND PROTECTED US ENDANGERED	504
423	CUPIOD CHICKEN	VINGIN GRASSLANDS AND PRAINIES, DECLINING LUSS OF	SHEAT PLATES FROM LO	on ooc, so utclining	MN-THREATENED AND PROTECTED	
		M431747				504
510	HUHHO-ING UHL SMEDTYTO	COMMON USUALLY	- HALF U\$	HAME TO UN PRAINIE	MIN-THREATENED AND PROTECTED	
	CONICULARIA	UUG 10•NS				>04
432	SANDHILL CHANE	LANGE ART SECULA ON LOA PHAINIE	BUEEOS ON TO OF HINTERS LASTE, WANT E UP MISS, WIVEN	Cleaff Highwal Av	MN-THREATENED AND PROTECTED	
	(0, 100,11114			504
925	HUMHHITE CULINUS VINGINIANUS	NESTS ENGES, FIELDS OPENING IN MODULE IN LUNG GHASS	Se er to 45, to to ta	be St. at Wast C	MN-THREATENED AND PROTECTED	
	***************************************	60.00				504
345	DUUBLE-CRESTED CORMURANT PMALACROCURAY AUFITUS	COLONIAL NEST IN TOPS OF THEES HITH CHEAT BLUE HEROES	NUTATION NA. 10 MAINE TO FL NETS TO 12 TO NA	1634 U.A 44 803350	VULNERABLE	
				[ENT-AL		504
1012	PALD EAGLE PALIALIUS LECTIFMALUS	NEST IN FUNESTED AREA IN INSE TOPS AND NEAR OPEN HATER	oreths sationally	UNICEPOL TY, BA N MALE LAW ALONG OVER MALE CONTROLOGICAL MALE CONTROLOGICAL	MN-UNCOMMON AND PROTECTED US-SOUTHERN RACE ENDANGERED	
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361	THEMPETER SHAR SELFMETTH	ettess nets etsier	#111665 In 104m1 #11.5444 AVD #10166	Intellouted twice	MN-PROTECTED, RARE WITH LITTLE FUTURE	
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••••	***************************************			***************************************		
	PALEATED +DOUPECREE ORYOCOPUS PILEATUS	UNCOMMENTA EATENSIVE DECIDOURS OR MIAED FORESIS	PH No CURNER, 8 MALE US	PH STATEMINE, HAME S HALF	MIN-PROTECTED AND VULNERABLE	
						500
	IMMER CAALT COMMUN FOUR	BREEDS ALING LAKES AND MIVERS, MINTERS ALUNG CRASTS	NORTHERN US. AINTERS N LIMIT OPEN MATER TO CALIFURNIA AND GULF CUAST	COMMON SUMMEN RESIDENT THROUGHT STATE LESS FREGUENT IN PHAIRIE	MN-PROTECTED AND VULNERABLE	د ۵۰
-	-MITS PELICAN PELECANUS ENVINHORMYNCHOS	NEST ON MOCRY LARE Smores and Islands of Texas	BRELOS S CA, N UTAM, NORTH DARCTA, COAST OF TEXAS	COMMUN MIGHANT +EST-CENTHAL, SH. AND SOUTH-CENTHAL, BHEEDS n AND SA	MN-PROTECTED AND VULNERABLE	50 4
410	OSPHEY PANGION HAL IAETUS	WESTS TOP DEAD THEE NOT FAR FROM WATER BECOMING SCARCE	WEEFUS GUL* OF MEX,	STATE-10E BREEDS TE N-CENTRAL	MN-UNCOMMON, PROTECTED AND VULNERABLE	504
	TARSH HANK CIRCUS CYANEUS	NESTS OF GROUND IN OPEN OR BUSHY HEADU-	SHEED CA TU N TA TU OH TO VA NONTH-AND HINTERS ALL BUT SE	COMMON STATE-TOP TV AND SHOUNCOMMON -W STATE-TUE	MN-PROTECTED AND VULNERABLE	
			US			504
341	MESTERY GMENE AECHYDPHORUS OCCIDENTALIS	NESTS UN LANGE DEEP LARES PLOATING NEST- ING REEDS AND RUSHES COLONIAL		REGISSAN PIGHAPT AND SUMMER RESIDENT MREECS N TO S IN	MN-UNCOMMON PERIPHERAL, PROTECTED	504
	Smalline Tallet atte	NESTS IN MEANILY	544105 Tx, 44,5C, 44,	ACCIDENTAL SE MALE	MN-PROTECTED AND RARE,	
14011	ELANCIDES FUMFICATOS	TIMHENED ANEAS, VESTS IN TUPS OF FALL THEFS		UF STATE	LITTLE FUTURE	504
		101				
350	GAFAT FIRET(COMMEN EGAFTT CASH MOUTUS ALGOS	CHEMNIAL AITH OTHER MENDOS NESTS THEE TOPS	HREEDS OMEGON TO TX TO NU SANDERS N IN HALL TO N US. SINSERS	BUTEUS S CENTRAL ALVANCING G-+ ST-ARI COM-ON - IGRANT S	MN-PROTECTED AND VULNERABLE	

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TS IN -DUDED AHEA THEES 15 TC 50 T UP	NATION-IDE	SH STATERIDE, WARE GN PHAIRIES, UNCUMMON MU, TV STATERIDE BUT UNCHMMUN	MN-PROTECTED	504
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		TV COMMEN & MALE UNCOMMEN W MALE OFFICES NO AND NE. SV ELSEMBRE	MN-PROTECTED	504
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SPECIES OF THE ST. PAUL DISTRICT GENERAL SPECIES LIST PART II

SPECIES OF THE MISSISSIPPI RIVER HEADWATERS RESERVOIR REGION

PART II INDEX

MAMMALS, REPTILES, AMPHIBIANS AND FISHES OF THE MISSISSIPPI RIVER HEADWATERS REGION

BADGER BASS, LARGEMOUTH BASS, ROCK BASS, SMALLMOUTH BAT, BIG BROWN BAT, BIG BROWN BAT, KEENS BAT, LITTLE BROWN BAT, RELD BAT, SILVER HAIRED BAT, SILVER HAIRED BAT, SILVER HAIRED BAT, BLACK BAT, BLACK BAT, BLACK BAT, BLACK BAT, SILVER HAIRED BAT, SILVER HAIRED BAT, SILVER HAIRED BAT, BLACK BAT, BLA
BASS, ROCK BASS, SMALLHOUTH BAT, BIG BROWN BAT, HOARY BAT, KEENS BAT, LITTLE BROWN BAT, RED BAT, SILVER HAIRED BAT, BLACK 53 BEAVER BITTERN, AMERICAN 99 BITTERN, LEAST BLACKBIRD, BREWERS BLACKBIRD, REDWINGED BLACKBIRD, REIMINGED BLACKBIRD, FELLOWHEADED BLACKBIRD, FELLOWHEADED BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN BLUEBIRD, MOUNTAIN BLUEBIRL 89 BOBCAT (BAY LYNX)
BASS, SMALLHOUTH 87 BAT, BIG BROWN 47 BAT, HOARY 47 BAT, KEENS 45 BAT, LITTLE BROWN 45 BAT, SILVER HAIRED 47 BAT, SILVER HAIRED 47 BEAR, BLACK 53 BITTERN, AMERICAN 99 BITTERN, LEAST 99 BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, FELLOWHEADED 157 BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BAT, BIG BROWN 47 BAT, HOARY 47 BAT, KEENS 45 BAT, LITTLE BROWN 45 BAT, RED 47 BAT, SILVER HAIRED 47 BAT, SILVER HAIRED 53 BEAVER 53 BITTERN, AMERICAN 99 BITTERN, LEAST 99 BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, RUSTY 157 BLACKBIRD, RELLOWHEADED 157 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BAT, HOARY BAT, KEENS BAT, KEENS BAT, LITTLE BROWN BAT, RED BAT, SILVER HAIRED BAT, SILVER HAIRED BEAR, BLACK BEAR, BLACK BEAR, BLACK BEAR, BLACK BITTERN, AMERICAN BITTERN, LEAST BIACKBIRD, BREWERS BLACKBIRD, REDWINGED BLACKBIRD, RUSTY BLACKBIRD, RUSTY BLACKBIRD, FLOWINGED BLUEBIRD, EASTERN BLUEBIRD, MOUNTAIN BLUEGILL B9 BOBCAT (BAY LYNX)
BAT, KEENS 45 BAT, LITTLE BROWN 45 BAT, RED 47 BAT, SILVER HAIRED 47 BAT, SILVER HAIRED 47 BEAR, BLACK 53 BEAVER 53 BITTERN, AMERICAN 99 BITTERN, LEAST 99 BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, RUSTY 157 BLACKBIRD, RUSTY 157 BLACKBIRD, FLOW-HEADED 157 BLUEBIRD, EASTERN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BAT, LITTLE BROWN 45 BAT, RED 47 BAT, RED 47 BAT, SILVER HAIRED 47 BEAR, BLACK 53 BEAVER 53 BITTERN, AMERICAN 99 BITTERN, LEAST 99 BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, RUSTY 157 BLACKBIRD, RUSTY 157 BLACKBIRD, YELLOW-HEADED 157 BLUEBIRD, EASTERN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BAT, SILVER HAIRED 47 BEAR, BLACK 53 BEAVER 53 BITTERN, AMERICAN 99 BITTERN, LEAST 99 BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, RUSTY 157 BLACKBIRD, FELLOWHIEADED 157 BLACKBIRD, FELLOWHIEADED 157 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BEAR, BLACK BEAVER BEAVER BITTERN, AMERICAN BITTERN, LEAST BLACKBIRD, BREWERS BLACKBIRD, REDWINGED BLACKBIRD, RUSTY BLACKBIRD, FULLOWHIEADED BLUEBIRD, FOUNTAIN BLUEBIRD, MOUNTAIN BLUEGILL 89 BOBCAT (BAY LYNX)
BEAVER 53 BITTERN, AMERICAN 99 BITTERN, LEAST 99 BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, RUSTY 157 BLACKBIRD, YELLOWHEADED 157 BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BITTERN, AMERICAN 99 BITTERN, LEAST 99 BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, RUSTY 157 BLACKBIRD, YELLOWHIEADED 157 BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BITTERN, LEAST 99 BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, RUSTY 157 BLACKBIRD, FUSTY 157 BLACKBIRD, YELLOWHIEADED 157 BLUEBIRD, EASTERN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BLACKBIRD, BREWERS 157 BLACKBIRD, REDWINGED 157 BLACKBIRD, RUSTY 157 BLACKBIRD, YELLOWHEADED 157 BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BLACKBIRD, REDWINGED BLACKBIRD, RUSTY BLACKBIRD, RUSTY BLACKBIRD, YELLOWHHEADED 157 BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN BLUEGILL 89 BOBCAT (BAY LYNX) 59
BLACKBIRD, RUSTY BLACKBIRD, YELLOWHHEADED 157 BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BLACKBIRD, YELLOWHIEADED 157 BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BLUEBIRD, EASTERN 143 BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BLUEBIRD, MOUNTAIN 143 BLUEGILL 89 BOBCAT (BAY LYNX) 59
BLUEGILL 89 BOBCAT (BAY LYNX) 59
BOBCAT (BAY LYNX) 59
BOBOLINK 155
BULLHEAD, BLACK 85
BULLHEAD, BROWN 77
BUNTING, INDIGO 159
BUNTING, LAZULI 161
BUNTING, SNOW 161
BURBOT 83
CARDINAL 159
CARP 79
CARPSUCKER, QUILLBACK 85
CATBIRD, GRAY 141 CATFISH, CHANNEL 77
CATFISH, CHANNEL 77 CHICKADEE, BLACK-CAPPED 139
CHICKADEE, BOREAL 139
CHIPMUNK, EASTERN 47
CHIPMUNK, LEAST 49

NAME	PAGE
CHUB, CREEK (HORNED DACE)	93
CHUB, HORNYHEAD CORMORANT, DOUBLE-CRESTED	93 99
COUGAR	57
COWBIRD, BROWN HEADED	159
COYOTE (BRUSH WOLF)	57
CRAPPIE, BLACK	89
CRAPPIE, WHITE	89
CREEPER, BROWN	139
CROSSBILL, RED	163
CROSSBILL, WHITE-WINGED	163
CROW, COMMON	139
CUCKOO, BLACK BILLED	127
CUCKOO, YELLOW BILLED CURLEW, LONG BILLED	127
DACE, BLACKNOSE	117 93
DACE, GREAT LAKES LONGNOSE	79
DACE, NORTHERN PEARL	81
DACE, NORTHERN REDBELLY	81
DARTER, BLACKSIDE	87
DARTER, IOWA	85
DARTER, JOHNNY	87
DARTER, LEAST	79
DARTER, SCALY JOHNNY	79
DEER, MULE OR BLACKTAIL	59
DEER, VIRGINIA OR WHITETAIL	59
DICKCISSEL DOGFISH, FRESH WATER (BONFIN)	161 75
DOVE, MOURNING	125
DOVE, ROCK	125
DOVEKIE	125
DOWITCHER, LONG-BILLED	119
DOWITCHER, SHORT-BILLED	119
DUCK, AMERICAN WIGEON	103
DUCK, BARROWS GOLDENEYE	105
DUCK, BLACK	101
DUCK, BLACK (COMMON) SCOTER	107
DUCK, BUFFLEHEAD	105
DUCK, CANVASBACK DUCK, COMMONEIDER	103 105
DUCK, COMMON GOLDENEYE	105
DUCK, COMMON MERGANSER	107
DUCK, EUROPEAN WIGEON	103
DUCK, GREATER SCAUP	105
DUCK, HOODED MERGANSER	107
DUCK, MALLARD	101
DUCK, OLD SQUAW	105
DUCK, PINTAIL	101
DUCK, RED BREASTED MERGANSER	107
DUCK, REDHEAD DUCK, RING-NECKED	103 103
DUCK, RUDDY	103
DOCK) KODDI	107

NAME	YE.
DUCK, SURF SCOTER 105	-
DUCK, WHITE-WINGED SCOTER 105	_
DUCK, WOOD 103	_
DUNLIN	
ENGLE, BALD	
EAGLE, GOLDEN	
EGRET, GREAT (CUTION EGRET)	-
FINCH, FORFLE	
FISHER FLICKER, COMMON (YELLOW-SHAFTED) 13	
FLYCATCHER, ALDER (TRAILL'S)	5
FLYCATCHER, GREAT CRESTED 13	3
FLYCATCHER, LEAST	5
FLYCATCHER, OLIVE SIDED	
FLYCATCHER, SCISSOR-TAILED 133	_
FLYCATCHER, WILLOW (TRAILL'S)	
FLYCATCHER, YELLOW BELLIED	
FOX, GRAY	
FOX, RED 57	
TROO, BONDAL GIONOS	
ROO, DASTERN GRAT INCE	
rkoo, Green	
FROG, MINK FROG, NORTHERN LEOPARD 7	
FROG, SPRING PEEPER 6	
FROG, WESTERN CHORUS	1
FROG. WOOD 7	
GALLINULE, COMMON 111	
GARTER SNAKE, EASTERN 6.	
GARTER SNAKE, NORTHERN PLAINS 6.	
GARTER SNAKE, WESTERN PLAINS 6	_
GNATCATCHER, BLUE-GRAY	-
GODWIT, HUDSONIAN	
OCLDETE	-
SOLDFINCH, AMERICAN	_
GOOSE, BLACK BRAVI	
GOOSE, CANADA GOOSE, SNOW (BLUE GOOSE)	
GOOSE, WHITE FRONTED 10	1
GOPHER, PLAINS (MISSISSIPPI) POCKET	9
GRACKLE, COMMON 15.	7
GREBE, EARED 9	
GREBE, HORNED 9	7
GREBE, PIED-BILLED 9	
GREBE, RED-NECKED 9	
GREBE, WESTERN 9	
GREEN SIMANE) DASTERN SHOOTH	-
GNOSDEAN, BLACK HEADED	-
GROSDEAR) EVERTING	
GROSBEAK, PINE 16 GROSBEAK, RED (ROSE) BREASTED 15	-
GROUSE, RUFFED	-

NAME	PAGE
GROUSE, SHARP-TAILED	113
GROUSE, SPRUCE	111
GULL, BONAPARTE'S	123
GULL, FRANKLIN'S	123
GULL, GLAUCOUS	123
GULL, HERRING	123
GULL, ICELAND	123
GULL, RING-BILLED	123
HARE, SNOWSHOE (VARYING)	53
HAWK, AMERICAN KESTREL (SPARROW HAWK)	111
HAWK, BROAD WINGED	109
HAWK, COOPERS	109
HAWK, FERRUGINOUS	109
HAWK, GOSHAWK	107
HAWK, GYRFALCON	111
HAWK, MARSH	iii
HAWK, OSPREY	111
HAWK, PEREGRINE FALCON	111
HAWK, PIGEON OR MERLIN	111
HAWK, RED SHOULDERED	109
HAWK, RED TAILED	109
HAWK, ROUGH-LEGGED	109
HAWK, SHARP SHINNED	107
HAWK, SWAINSONS	109
HERON, GREAT BLUE	99
HERON, LITTLE BLUE	99
HOGNOSE SNAKE, EASTERN	63
HUMMINGBIRD, RUBY-THROATED	131
JAEGER, LONG-TAILED	123
JAEGER, PARASITIC	121
JAEGER, POMARINE	121
JAY, BLUE	137
JAY, GRAY (OR CANADIAN)	137
JUNCO, DARK-EYED (SLATE-COLORED)	165
KILLDEER	115
KILLFISH, WESTERN BANDED	79
KINGBIRD, EASTERN	133
KINGBIRD, WESTERN	133
KINGFISHER, BELTED	131
KINGLET, GOLDEN CROWNED	145
KINGLET, RUBY-CROWNED	145
LAMPREY, AMERICAN BROOK	83
LAMPREY, CHESTNUT	83
LAMPREY, SILVER	83
LARK, HORNEL)	135
LEMMING, SOUTHERN BOG	51
LOON, COMMON	97
LOON, REDTHROATED	97

14ME	PAGE
DOUR	57
LYNX MADTOM, TADPOLE MAGPI, BLACK-BILLED (AMERICAN)	85 137 137
MARTIN, PURPLE MEADOWLARK, EASTERN MEADOWLARK, WESTERN MINK	157 157 55
MINNOW, BLUNTNOSE MINNOW, BRASSY MINNOW, FATHEAD	81 79 91 81
MINNOW, NORTHERN FATHEAD MOCKINGBIRD MOLE, STARNOSE	141 45 77
MOONEYE MOOSE MOUNTAIN LION MOUSE, BOREAL REDBACK	59 55 51
MOUSE, HOUSE MOUSE, MEADOW JUMPING MOUSE, PRAIRIE DEER (WHITEFOOTED)	51 53 49
MOUSE, WHITE-FOOTED MOUSE, WOODLAND (CANADIAN) DEER MOUSE, WOODLAND JUMPING	51 51 53 91
MUDMINNOW, CENTRAL MUDPUPPY MURRELET, ANCIENT MUSKELLUNGE	69 125 77
MUSKRAT NEWT, CENTRAL NIGHTHAWK, COMMON	53 69 129
NIGHTHERON, BLACK-CROWNED NIGHTHERON, YELLOW-CROWNED NUTCRACKER, CLARK'S	99 99 139 139
NUTHATCH, RED-BREASTED NUTHATCH, WHITE-BREASTED ORIOLE, NORTHERN (BALTIMORE) OTTER, RIVER	139 157 55
OVERD RICE OWL, BARRED OWL, BOREAL	153 127 129
OWL, GREAT GRAY OWL, GREAT HURNED OWL, HAWK	127 127 127 129
OML, LONG-EARED OML, SAW-WHET OML, SCREECH	129 127 129
ONL, SHORT-EARED ONL, SNOWY	127

NAME		PAGE
PANTHER PEEWEE, EASTERN WOOD		57 135
PELICAN, WHITE		97
PERCH, LOG PERCH, YELLOW		87 87
PHALAROPE, NORTHERN		121
PHALAROPE, RED		121
PHEASANT, RING-NECKED		113
PHOEBE, EASTERN		133
PIGEON, BAND TAILED		125
PIKE, NORTHERN		77
PIPIT, SPRAGUE'S PIPIT, WATER		145 145
PLOVER, AMERICAN GOLDEN		115
PLOVER, BLACK BELLIED		115
PLOVER, PIPING		115
PLOVER, SEMIPALMATED		115
POOR-WILL		129
PORCUPINE		53
PRAIRIE CHICKEN, GREATER		113
PUMA RABBIT, EASTERN COTTONTAIL		57 53
RACCOON		55
RAIL, SORA		113
RAIL, VIRGINIA		113
RAIL, YELLOW		113
RAT, NORWAY, BROWN OR HOUSE		51
RAVEN, COMMON		137
RED KNOT REDPOLL, COMMON		117
REDPOLL, HOARY		161 161
REDSTART, AMERICAN		155
ROBIN, AMERICAN		141
SALAMANDER, BLUE SPOTTED		69
SALAMANDER, JEFFERSON		69
SALAMANDER, TIGER	510)	69
SALMON, CHINOOK (KING, PACI SALMON, KOKANEE	FIC	75
SANDERLING		75 121
SANDPIPER, BAIRD'S		119
SANDPIPER, BUFF-BREASTED,		121
SANDPIPER, LEAST		119
SANDPIPER, PECTORAL		119
SANDPIPER, SEMIPALMATED		119
SANDPIPER, SOLITARY		117
SANDPIPER, SPOTTED		117
SANDPIPER, UPLAND SANDPIPER, WESTERN		117 121
SANDPIPER, WHITE-RUMPED		119

NAME	PAGE
SAPSUCKER, YELLOW-BELLIED SCULPIN, MOTTLED SHINER, BLACKCHIN	131 85 81
SHINER, BLACKNOSE SHINER, CENTRAL BIGMOUTH SHINER, COMMON CENTRAL SHINER, EMERALD	91 83 91
SHINER, NORTHERN COMMON SHINER, NORTHERN SPOTTAIL SHINER, PUGNOSE	91 83 83 81
SHINER, RIVER SHINER, SAND SHINER, SPOTFIN	81 91 91
SHINER, WESTERN GOLDEN SHREW, ARCTIC (RICHARDSON) SHREW, MASKED SHREW, NORTHERN WATER	81 45 45 45
SHREW, PIGMY SHREW, SHORTTAIL SHRIKE, LOGGERHEAD	45 45 139
SHRIKE, NORTHERN SILVERSIDE, NORTHERN BROOK SISKIN, PINE SKINK, N PRAIRIE, BLACK BANDED	139 77 163 63
SKUNK, SPOTTED (CIVET CAT) SKUNK, STRIPED SNIPE, COMMON (WILSON'S)	57 57 115
SOLITAIRE, TOWNSENDS SPARROW, CHIPPING SPARROW, CLAY-COLORED SPARROW, FIELD	145 165 165 165
SPARROW, FOX SPARROW, GRASSHOPPER SPARROW, HARRIS	161 163 167
SPARROW, HOUSE SPARROW, LARK SPARROW, LE CONTE'S SPARROW, LINCOLN'S	155 165 163 167
SPARROW, SAVANNAH SPARROW, SHARP-TAILED SPARROW, SONG	163 165 167
SPARROW, SWAMP SPARROW, TREE SPARROW, VESPER SPARROW, WHITE-CROWNED	167 165 165 167
SPARROW, WHITE-THROATED SQUIRREL, EASTERN FOX SQUIRREL, EASTERN GRAY	167 49 49
SQUIRREL, FRANKLINS GROUND SQUIRREL, NORTHERN FLYING	47 49

NAME	PAGE
SOUIRREL, RED OR SPRUCE SOUIRREL, SOUTHERN (LITTLE) FLYING SOUIRREL, THIRTEEN-LINED GROUND STARLING	49 49 47 147
STICKLEBACK, BROOK STICKLEBACK, NINESPINE	89 91
STONECAT	77
STONEROLLER, CENTRAL	79
STURGEON, LAKE STURGEON, SHOVELNOSE	80 80
SUCKER, GOLDEN REDHORSE	85
SUCKER, NORTHERN REDHORSE	77
SUCKER, SILVER REDHORSE SUCKER, WHITE (COMMON)	85 85
SUNFISH, GREEN	89
(SUNFISH), PUMPKIN SEED	89
SWALLOW, BANK	137
SWALLOW, BARN	137
SWALLOW, ROUGH-WINGED SWALLOW, TREE	137 135
SWAN, WHISTLING	101
SWIFT, CHIMNEY	129
TANAGER SCARLET	159
TANAGER, SUMMER TANAGER, WESTERN	159 159
TEAL, BLUE WINGED	103
TEAL, GREEN WINGED	103
TERN, BLACK	125
TERN, CASPIAN	125
TERN, COMMON	125
TERN, FORSTERS THRASHER, BROWN	123 141
THRUSH, GRAY-CHEEKED	143
THRUSH, HERMIT	143
THRUSH, SWAINSONS (OLIVE-BACKED)	143
THRUSH, VARIED	143
THRUSH, WOOD TITMOUSE, TUFTED	143
TOAD, AMERICAN	69
TOWHEE, RUFOUS-SIDED (RED-EYED, E)	163
TROUT, BROWN	75
TROUT, EASTERN BROOK	75
TROUT, LAKE	75 75
TROUT, RAINBOW TROUT-PERCH	75 83
TURNSTONE, RUDDY	115
TURTLE, BLANDINGS	63
TURTLE, COMMON SNAPPING	63
TURTLE, WESTERN PAINTED	63

NAME	PAGE
VEERY	143
	147
VIREO, PHILADELPHIA	147
VIREO, RED-EYED	147
VIREO, SOLITARY	
VIREO, WARBLING	147
VOLE, BOREAL REDBACK	51
VOLE, MEADOW (COMMON, PENNSYLVANIA)	51 51
VOLE, PRAIRIE	
VULTURE, TURKEY	107
WALLEYE	87
WARBLER, BAY BREASTED	151
WARBLER, BLACK-AND-WHITE	147
WARBLER, BLACKBURNIAN	151
WARBLER, BLACKPOLL	153
WARBLER, BLACK-THROATED BLUE	151
WARBLER, BLACK THROATED GREEN	151
WARBLER, CANADA	155
WARBLER, CAPE MAY	151
WARBLER, CERULEAN	151
WARBLER, CHESTNUT SIDED	151
WARBLER, CONNECTICUT	153
WARBLER, GOLDEN-WINGED	149
WARBLER, HOODED	155
WARBLER, KENTUCKY	153
WARBLER, MAGNOLIA	149
WARBLER, MOURNING	155
WARBLER, NASHVILLE	149
WARBLER, NORTHERN PARULA	149
WARBLER, ORANGE CROWNED	149
WARBLER, PALM	153
WARBLER, PINE	153
WARBLER, PRAIRIE	153
WARBLER, PROTHONOTARY	149
WARBLER, TENNESSEE	149
WARBLER, WILSON'S	155
WARBLER, YELLOW	149
WARBLER, YELLOW RUMPED (MYRTLE)	151
WATERTHRUSH, NORTHERN	153
WAXWING, BOHEMIAN	145
WAXWING, CEDAR	145
WEASEL, LEAST	55
WEASEL, LONGTAIL	55
WEASEL, SHORTTAIL	55
WHIMBREL	117
WHIP-POOR-WILL	129
WHITEFISH, GREAT LAKES	79
WOLF, TIMBER OR GRAY	57
WOODCOCK, AMERICAN	115
WOODCHUCK (GROUND HOG, MARMOT)	47

NAME	PAGE
WOODPECKER, BLACK-BACKED THREE-TOED	133
WOODPECKER, DOWNY	133
WOODPECKER, HAIRY	131
WOODPECKER, NORTHERN THREE-TOED	133
WOODPECKER, PILEATED	131
WOODPECKER, RED-BELLIED	131
WOODPECKER, RED-HEADED	131
WREN, HOUSE	141
WREN, LONG BILLED MARSH	141
WREN, SHORT BILLED MARSH	141
WREN, WINTER	141
YELLOWLEGS, GREATER	117
YELLOWLEGS, LESSER	117
YELLOWTHROAT, COMMON	155

 F1 0	 	13.2	*** *** * * * * * *	461 11 1

I O	CHEMIN NAME SCIENTIFIC NAMES	-AUITAT	#4966 IN 1,5,	4476t 1: 5141t 41445014	FORTE ACADEMILE	2004CI
500	Maskey Smeth Sunta Clatherns	PUIST SITUATIONS IN FORESTS, BHUSHLAND AND OPEN COUNTRY, THE AND ONE TOVER	NORTH US(UT CO WA AR EAST FRUM ID+IL IN APPALACHIA;ABSENT NV RS MORSOUTH+RD	5747£ =10£		100
100\$	amofic(witharbson)shre- surer amotitous	MOIST AS SPHUCE AND TAMAMACH BUGS AND MET MEADURS	MICH UPPER PENINSULA • ISCUNSIN, MINNESULA, EASTEHN NUMTH DARDIA ALASKA	TO THIS CITIES ON		104
1004	NUMTHERN GATEN SHMEN SUMER PALUSTRIS	ALUNG COLD, SHALL SIMEAMS WITH CUVENUM BANKSIBOGNIUNLY IN MNTS IN SUUTH	NEW ENGLAPPALACHIA TO GARN WI HI MNO SE NORTH OF NEHRASKA, NORTH OF NEGREE	10 THIN CITIES UN		104
005	PTGMV SHIPE MICHOSOMER HUYI	HOUDS AND ADJACENT GRASS CLEARINGS; PHEFENS HET BUT ALSO IN ONE HANTIAT	BONDERSINYAVA, THANCE			I.o.e
1007	SMONTTAIL SHHE. RLAMINA RHEVICAUDA	PHEFERS SUBCLIMAX FOREST, MAMSM, HMUSH, GMASSLAVOIMOIST, UPEN AMUNDANT COVER	EASTHAND PHOM SO 10 1x(ONLY EAST PANT OF NO SO NE 4% TX)	\$147£- Ut		100
000	SIAMNOSE MOLE CUNDULIMA CHISTATA	LOW MET GHOUND NEAR LAKES OR STHEAPS		MISSISSIPPI HIVEN MULTHERST		104
010	LITTLE MNUAN 641 MYNTIS LUCIFUGUS	CAVES, WINE TUNNELS HOLLO- THEES, BUILDINGS	NUMER THE THIRDS US. NUMER OF AN TO DR & NUMER OF LA TO PLO CANADA AND AM	STATEMINE		100
9911	REFNS HAT PTOTIS REFNI	CAVES, AIRE TURNELS, MILLOW THEFS, HILLOTHGS, STOMM SEMENS, FUMESTS	EAST UP PN SC WORNER NE NUMBER OF LACE ALE OF GAJUNLY RESTRUCTED NO NESE AZOSE NO	EASTERN MALE		10 a

PNEINDUMENTAL RESOUTCE INVESTIGAT AND ANALYSIS STEEM (ENIAS) REGULATED AND ANALYSIS STEEM (ENIAS) NON WALLS OF WALLS

DEFFLURED BYE 51, PAUL DISHILT LUMPS OF ENGINEERS 51, PAUL, TINE SSIOT

PAUL NUL &

10	COMMUN NAME SCIENTIFIC NAMES		HANGE IN U.S.		COLAL POPULATION	2004CE
•••	•••••••				• • • • • • • • • • • • • • • • • • • •	
0015	SILVEH HAIMED HAT LASIPAVCTEHIS NUCTIVAGANS	FUNENTED AMEAS, CAVES Bulluings	MOST UP UNITEDSTATES AMSENT FHOM FL, SUUTM SC GA AL MS LA TA CA AND AMIZUNA	NORTHEAST AND SOUTH		104
015	SIG SHINGS RAT EPTESICUS FOSCUS	GAVES, MINE TUNNELS, ROLK CREVICES, NOODED AHEAS AND BUILDINGS NEAR NATER		SOUTHEAST QUANTEN		100
010	RED HAT LASIURUS AGREALIS	NOUGED AREAS	HOST OF US EXCEPT NOCKY MIS, DALV SMALL PARTS OF NM CO OF MIT NA OH NV UT FL	ALL BUT NUMINEAST CONNER		104
	HUANY RAT LASINHUS CINEMEUS	HUUDED AMEAS	CONTINENTAL UNITED STATES EACEPT SUUTHERN PLORIUA	STATE-IDE EXCEPT NONTHEAST AND SOUTH-EST CONNER		10-
018	NUMBERS CALCADE NO MOGUMANTOT NARROTA MONAX	UPEN SURCLIMAX -UOUS HRUSHY AND HUCKY MAYINESISHRUB STAGES PIUNEER POHEST	MALLEAST AS HE NOT INTO MO AND EASTMAND AMATMANDETH MS AL MA SC AND NO			10-
020	15-LINED GROUND SQUIRMEL SPENDOPHILUS (CITELLUST TRIDECEMLINE ATHS	SMU41GRASS PHAIRIES	EAST MT TO SUUTH NM, EAST TO LINE PROM SE TX TO NE UMID THRU UK MD IL IN-MI			100
1500	FHANKLINS GROUND SOUTHREE SPEHMOPHICUS (CITELLUS) FHANKLINI	FAIRLY TALL GRASS ON MENHS, DONDERS OF FIELDS, OPEN HUDOS, HANSH EDGES	WHIN CENTRAL USCALL UF 18, MUST UF NU SU WE HS MO IL MAPPARTS UF #15C AND IN	SUARTER AND SOUTHS		100
4 \$00	EASTERN CHIPHUNK TANIAS	DECIDUOUS FORESTS, SHUSHY ANEAS, SUNCLIMAN FUMESTS	EAST OF PHAINIE.E NO TO N LA AND EASTHAND EXCEPT BL AND STH LA MS AL GA SC NC			100

ENVIRONMENTAL RESIDUACE INVENTION AND ENALTSIS SYSTEM (2014)
RIO-INFORMATION SOM-SYSTEM
RUN DATE: 07/04/76 2214/4151

DEVELUPED BY ST, PAUL DISTRICT CORPS OF ENGINEERS ST, PAUC, MINN SSIUT

ID NB	SCIENTIFIC NAME	-461741	handt In U.S.	MANGE IN STATE	LULAL PUPULATION	C	006
••••				***************************************			•••
023	CEAST CHIPMUNE FUTAMIAS MINIMUS	CONTRER FUREST, NORTH	NORTH PI OF MN AND NO.CENTRAL RART OF HEST(S NM TO CANADA) H NE TO E CA	MONTHENN THIMU			I Ü u
024	EASTERN GHAY SQUIRREL SCIUMUS CAROLINENSIS	HAROWOOD FUHESTS HITH NUT THEES; HIVER MOTTOMS: SUM+ CLIMAX FURESTS	EAST NO TO EAST TX	\$141t-10t			104
	EASTERN FOR SQUIRMEL SLIDRUS NIGER	LOTS IN NORTH AND	NOMIN CARDTA TO TEXS (RMAINIE STATES AND EAST, EXCEPT NE RA, NY NEW ENGLANCE)				104
026	NED OR SPRUCE SQUIRMEL TANTASCIONUS HUDSONICUS	PINE AND SPHUCE OR MIXED MARN-000 (CLIMAX) FURESTS, ALSO SHAMES	ARENUCRYMTENE STATES NEO ENGRAPALACHIA 10 GAEGRI LAS INTU E ND +IAO ILOINOUH				100
TSO	SOUTHERN (LITTLESFLYNG SUUIHHFL GLAUCOMYS VOLANS	OFCIDUOUS ONLY ON	MN, IA, EAST NE NS OR TX, AND EAST-AMD, NOT IN NOME MN AL MI NE VT, UNLY S MAIN	PLUS THE MISSISSIPPI			104
#50c	CLAUCOPAS STHMINGS	CONTREMOUS OR MIXED CLIMAX FURESTS	NEN ENG TO ATA NORTH N MI OF HA OUT, OF ID AEST MI, MIUNTA OF HASH UNEG CALF				104
0030	FLAINSCHISTSTPPTTPDCKET GOPHER GEGETS GUMSAMIUS	GHASSLANDSIPASTURES	PRAIMIE STATES(ALLUF IA, NE, NS, DRY PANY OF MN, IN, IL, MU, AM, LA, NO SC, NY, CC, NH, IX				104
0035	PHAINIF DEE-T-HITFFUNTFUNMOSE VENCTYSCUS HANTEULATUS HAI-FIE	PHAINIES, LUM MHUSH CLUMPS, DMEFERS ORT	SC AL FL GA .5 LA	STATE-INE			104

ENSTRUMENTAL MESTURE INVESTMENT AND ANALYSIS SYSTEM FEMILISM
RINGLISH TOWNSTORM SERVICES OF THE STREET OF T

10	SCIENTIFIC NAMES COMMON NAME	amitat	-4566 IN U.S.	HANGE IN STATE "INNESSTA	POTES ON LOCAL POPOLATION	200F
0036	MUQULANU (CANAUTAN) DEEM MOUSE PERUMYSCUS	DECIDUOUS OR MIXED DPEN PIONEEN,SHOUN,S	MOST OF US EXCEPT SC AL FL GA MS LA AND	PTATENSUE		
	MANICULATUS GHACILIS	SUNCLIMAR FORESTS ALSO CUNIFERS	SOUTHERN VAING TO AN AND TEXAS			104
0037	WHITE-FORTED HOUSE PEROMYSCUS LEUCAPUS	ACODED OR SHUSHY AREAS PREFERRED BOMETIMES DPEN AREAS	EAST OF MOCHIES . SE AZ-S NM (NOT N NO MN NI ME.S AL GA SC NC.			
	~UVE HOPACE 4515		NOT IN PLONIDA			104
003#	CRODERI SANTALOHAR SANTAFAY HOC FEWALVE	LON DAMP BOGS AND MEADO-S WITH MEAVY GRO-TH OF VEGETATION	RANSAS TO MINNESOTA AND EASTRANDONDRIM AMRANSASHEAST TENNO	NONTHEAST QUANTER		
			-EST & CARULIN			104
0040	MOREAL MEDRACE VOLE OH MOUSE CLETHWIDYDMYS GAPPERT	CONTREMOUS, DECIDUOUS ON MIXED FURESTS: IT PRESENS DAMP PLACESE	NEW ENG TO THE THRU APPALACHIA THEST OVER STATES TO E -A-DRI	STATE-IOL EXCEPT SOUTHERN EIGHTH		
	V-12.1-1	UNDERBRUSH	HOCKYS TO A AM			104
0042	MEADO-FCOMMON, PENSVLVANIA) VOLE	LDR, MUIST, MIGH GHASS BITH BANK VEGISTHEAM	AR, CANADA, N THIND US ATLANTIC DG 4 HIS 15 191	STATE-ICE		
	PENNSYLVANICUS	LARE, SHAMP, FUHEST OF	+ILIPRAJHIL+NE PHOCKY			104

NORTH CENTRAL US (SHE COUNTIES ALUNG THE LA-OR TO CANISETHER MINNESOTA AND RY, wy, E OM, SHE HIT MAG HISSISSTPPI MINERS E CO. 47. JE HIS

STATE-IDE (= AJUH UMMAN AMEAS)

CONTINENTAL UNITED STATE-10E STATE-10E

ENVIRONMENTAL RESOURCE INVESTORY AND ANALYSIS SYSTEM (ENTAS)
WILL-INFORMATION SUM-SYSTEM
WIN DATE: 07/08/76 22THHIRS

OCH PHAIRIF VULE MICHOTUS OUMBOGASTER

MUSCULIS
ONUM HOUSE POINSE

OTHER THREE TO SE WAT HAT THE WATTE STATE WATTE STATE OF THE SECTION OF THE SECTI

UPEN PHAINIES, PENCE HO-S. PAILNAT DIGHTS DF -AY, OLG CEMETERY, FAINLY DHY

BUILDINGS, SUMETIMES FIELDS; MMERE PEOPLE CONCENTRATE

HATTALD IF THE HISSISSIPPT HIVER PERULATERS HEGION

UEVELOPEU BYI 51, PAUL DISTHICT LUMPS OF ENGINEERS 51, PAUL, "INN SSIGT

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AMENE PEOPLE CONTINENTAL UNITED CONCENTRATE/BUILDING STATES MODELSH MILES

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610-	HOMBETAL BESCONCE INVESTOR INFORMATION SOMESYSTEM DATE: OT/OR/TH 221URISA	· Auto abalists 57516° re-1	A5)		DEVELOPED BY: ST, PAUL DISTRICT CURPS UP ENGISEERS ST, PAUL, PINN SSIUT
9047	PLACE NEAM IMBUS AMENICANUS	CLIMAT FUMFSTS AND SHAMPS MAINLY MOUNTAINS IN THE MEST	NES TENGTOREST LAREST APPALACHIATEL, STUTE UA AL LAPIZAMASI NEST LOASTINOCHIES		\$ Dec
P05A	STIPSHITE (VARY)TO HAME LEPUS AMPHICANUS	SHAMP, THICKET, SHOW STAGE AND PIUNEEH FUMEST, MOUNTAINS IN TOE OFST	NEO ENGTAPPALACHIA TO GAIN GHT LKS ONDI ROCKY MTS TO NH OUTT HA, OH, N. STERHA	NUNTHENN MALF	104
0054	EASTERM COTTONTAIL SYLVILAGES FLORIDANES	GHASSLAND STRIPS UP FINEST -ITH MATER & UPNSE-BRUSHY CHVEN & SHAMP EUGES	PHAINIE STATES AND LAST-AND FACEPT N NY NM NT PE PLUS SOUTH HALF NM AND AZ	ALL BUT NUMBERS SURVICE	104
0053	PUNCUPINE EMETHIZON DUNSATUR	FORESTED AREAS, SUMETIMES UNUSMY AREAS, SUBCLIMAX AND CLIMAK FUNESTS	NEW ENG INTO EAST OF N MI OF MAJOREST NO, SUJNE TY AND MESTORO EXEPT CA CUAST	NUHTHEAN folku	104
0052	MUSKUAT Ordiatha Zippthyca	MANGHES, PUNU EDGES LAKES, STHEAMS; CATTALLS, HUSHES, MATER LILIES	ALL UF US EXCIPT FL 5 AL GA SC NC; CNLY Not TX,N NV,Not UR, Nt+5t CA	S147E-10E	100
0051	HEAVEH CASTUM CANADENSIS	STHEAMS AND LAKES HITH THEES OR ALUFHS UN HANRS, ESMECTALLT EAHLY STAVES	CONTINENTAL US EXEPT FLURIDA, EASTERN UTAM SOUTH NEVADA, S CALIF AND S AMIZONA	37472-10t	104
0049	MEADOS JUMPING MOUSE ZAPUS MUOSONIUS	PLAINS AND PRAIRIFS AMOUND BLOUGH GMANS- GMASSY MEADURS, ALSO HOUSE UPLANUS		STATE-10E	10 4
0748	CUCCLAND JUMPING MOUSE NAMEGRAPHS INSIGNIS	FORESTED ON UNUSHY AREAS NEAR HATER MFT BOGS, STHEAP BUNDERS	TER ENDIAND THEBUGH APPALACHIAN MOUNTAIN NORTHERN GHEAT LAKES STATES	ANATHERN MALE	104

TO COMMON NAME MANITALL MANGE IN U.S., MANGE IN STATE NOTES ON SOUNCE NO SCIENTIAL NAMES OF SCIENTIAL CHECK POPULATION LOUE

waw-att is the MISSISSIENT MIVEN HEAD-ATEMS HEGION

MAMPALS	116	Tmi	 5 f wh =	MAADAATAAS MAG	100

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ID NH	SCIENTIFIC NAMES	MABITAT	*45GE 15 0.9.	-ANGE IN STATE	NUTES ON LUCAL POPULATION	500±0
• • • •	. *				****************	
	PACCODN PHOCYUN LUTUH	ALUNG STREAMS AND LAKE BOHDERS AMENE THENE ARE HOUDED AMEAS UM CLIFF	ALL OF US EACEPT PARTS OF MT AT CO NM AZ CA NV UT	STATE-1DE		104
	FISHER MAUTES PERNANTI	LARGE,CLIMAX.MIXEO, CUTOVER MANDHOOD FORESTS;USUALLY NEAR MATER	N NEW ENGIN MI MN HI MOCKIES (W MONT, RAST IDAMO) »FSTCDAST (MASM OM NCA SIENRAS	ABSENT MEST OF MED		110
	SMORTTAIL -EASEL -USTELA EMMINEA	SUBCLIMAE HUDDLENDS BUT SOMETIMES IN OPENIMRUSMY AREAS, NEAR WATER	FROM E CUAST IS N UP UM(+MD)TO N IA, MNRE NO INTO CANADA+AR + MTNSE#, N OF AZ	\$141F#[DE		110
	LLAST «EASEL Mustela Rivosa	MEADONS, PIELDS, RHUSH AREAS AND UPEN -DOUS	N MTONE-DARDTAS AND EAST, APPALACHIA TO GA(AUS NY NJ DE AND NEW ENGLAND)	STATE=10E		104
	LUNGTATL =FASEL =USTFLA EMPNATA	ALL LAND MARITATS MEAR MATER STAGES AND PIONEER FORESTS	EXCEPT PART OF MN.NM AZ,NV,CA	ALL BUT NORTHEAST CONNER		104
	-174 -0214 -0314	ALUNG STREAMS.SLOUGH LARES ESPECIALLY HOUDED+HET MANSHES AND SHAMPS	CONTINENTAL US+AR ERCEPT ALL OF AZ AND SOUTMERN HALF OF CA NV UT N° TE	STATE-IDE		100
	HIVER HITER	ALCAE STELLE AND	/ D. T. L. L. L	87471 - 101		
	LUTRA CANADENSIS	ALONG STHEAMS AND LAMES, ESPECIALLY FORESTED AND ALLD AREAS	CONTINENTAL USBAR EACEPT SOUTHERN CA NV UT AZ NM AND TE	STATE-10E		104
	4416.64	0065 (3455, 4408	15.440 15.70 MICHICAS	5147E-10t		
	MAJGEN: TAXIOFA	OFER GHASSLANDS AND OFSERTS, ALSO FOREST	AND MEST-ARDIEASTERN	31-16-106		
	74 a (c 5	affas with amply	MOMIER IS THRU TA UF			164
	••••••				• • • • • • • • • • • • • • • • • • • •	
10-1	ONMENTAL WESOLUCE INVENTORS NETWORKSTION SHRWSVSTEM WIFE OT/MH/TO PRIMITES	v and analysis system (em)	45)		ST. WAUL	PARTHICT

ST. MAUL DISTRICT LONDS OF ENSINEERS ST. PAUL, MINN SSIOI

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ID.	COMPUN NAME SCIENTIFIC NAMES	Pabli AT	MANGE IN U.S.		NOTES UN LUCAL PUPULATION	SUUMCE
0065	SMUTTED SHUNKICIVET CAT) SPILOGALE PUTGRIES		MOST OF US EXCEMT MT NEW ENG IL IN MI ONE ONLY PART OF AS NO NI VA NC SC			104
0069	STUIPED SAUNK HEPHITIS HEPHITIS	SEMI-OPEN COUNTRY! MIXED HODDS! DPEN PRAINTE AND BRUSH LAND! MARSMES	CONTINENTAL UNITED STATES	STATE-ILE		104
-	CUYDTE(MANS= ADLF) CANIS LATRANS	PHAIRIES, UPEN HOUD LANDS (ASPEN, CONTECHS OMUSHY ON GOULDER HEREN AREAS	EAST OF MESTERN LA	STATE-IDE		104
n 0 7 t	TIMBEN DR GRAY HOLF CANIS LUPIS EYCADN	MILDERNESS PUMESTS AND TUNDMA	N MINN AND MICHIGANS SMALL AREAS OF N MT, N ID, CENT OR, NN MY, SE UI, S+ CO, AZ	NONTHERN FIFTH		104
0172	MED FOX VULUPS FULVS	MIXTUHE OF PORESTS (SHRUB STACES AND PIONEERT AND OPEN COUNTRY MARSH	CONTINENTAL UBGAN EXCEPT PARTS OF WASH UM CA NV AZ NM MT NV NE KB DK TX FL	STATE-IVE		104
0 7 3	GMAY FOR UMDEMECAMGENTEDS	SHHUB, PIONEEM, AND CLIMAY OPEN ADMESTS: CHAPAMRAL; RIMROCK CCUNTRY	ALL STATES BUT 44 11) HT 47 AND PARTS OF OR NV UT CU ND SD NE HS OR MAINE			10 •
007u	CUMGAN, PANTHEN, PMMA, MTM (ION FELIS CUNCOUNT COMES CUNCOUNT	HILGED HUUNTAINS SHAPPS,FORESTS,ON(E FOUND IN MUST OF US	FNUE REST COAST INTO HCCAY MOUNTAINS, & SOUTH TE LA AH MS FL N MN ANY WHINS	AANDERS INTO NUMTE		112
	(** a (** a *£ *5 † 5	BUREAL FORESTS +11M S-AMPS	NORTH NEW ENGEAND, N MICH MINN AND WISC CENTRAL MOCHIES, NOTH AST MOUNTNEASHAN	taltP1 at51tes		

ENVIRONMENTAL RESOURCE INVENTON AND ANALYSIS SYSTEM (EFIAS)
HIGHINFORMATION SHEESVEIFM
HIM DAIRE OTFORTA PRIMERS

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10	SCIENTIFIC NAMES	-AbITAT	MANGE IN U.S.	MANUE IN STATE MINNESOTA	POTES UN	EUDE
1076	AURCAT (BAY LYNX)	SUBCLIMAN FORESTS &	MOST EP US EXCEPT ON	MORTHE-N MALF		
	LYNX Pufus	HRUSH, PREFERS BRUNEN +ITH CUNIFER SHAMPS;				
	-0703	-PST CMAPANHAL	IN PA THESUUTH			104
07=	MULE OR BLACKTAIL DEER	CONIFER FORESTS,	PRAIRIE STATES AND	MESTERN MALF		
	NUNCOILEUS	DESERT SHEUD AREAS,	mestmarponest MINN	ESPECIALLY THE SORTH		
	HEMIUNUS	CHAPANNAL, GHASSLAND	AND TOHA'S SOUTHERNS			
		+ITH SHRUBS	-ESTERN FOURTH	EAST CURNER		111
011	VIRGINIA UR MHITETAIL DEEN	SHAMP, OPEN HRUSH, AND	MOST UP US EXCEPT 5-	STATE-IOE		
	OUOCCILEUS	HEAR SHRUB, PIONEER,	NOT IN AREA OF MUST			
	VIRGINIANUS	AND CLIMAX FOREST Stages	OF CA NV UT, PART OF			104
		311020	DA 10 CO 4. 12			104
060	Hunse	FORESTED REGIONS		NORTHERN THIRD IN		
	ALCES	HETH MANY LAKES AND	CO. NE UT, E+N IDAHC,	-EST TO NURTH HALFIN		
	ALCES	S-A-PS, TUNOHA-HINTER		EAST, MAY BE IN SOUTH		
		CUNIFER-SUMMEN	MONTANAHALASNA	EAST CUPNER		115
	TONHENTAL HESCUMCE INVENTORY	AND ANALYSIS SYSTEM (ERI	45)	•••••••	DEVELOPED ST. PAUL (
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10	COMMON NAME SCIENTIFIC NAMES	MARITAT	HANGE IN U.S.	RANGE IN STATE *INNESDTA	NOTES ON LUCAL POPULATION	FONF
	CUMMON SNAPPING TUNTLE CMELYUMA SERPENTINA	ANY PEHMANENT BOUY UF FRESH MATER	EASTERN US EACEPT SOUTH HALF OF FLURUA EASTHAND FROM EAST HT MY CO NM	\$747E-10E		\$01
084	HELLI HELLI HELLI HELLI HELLI HELLI HELLI HELLI HELLI	PONO, MARSM, DITCHES, EDGLS OF LAMES, BACK-ATERS UF STREAM SLOUGHS (SEE 87	BEINEEN MISSISSIPPI HVR AND HDCKY MTNS + MEST MI MI IL+NORTH ID+LASI NA	\$747t=10t		€01
089	BLANDINGS TURTLE ENTODINGS RLANDINGS	MOSTLY AGUATIC SELOOM PAN PHOM BOGS MANSHES, LAKES, SMALL STREAMS	GREAT LAKES AREA AND WEST INTO EAST MINN, IOHA AND NORTHEASTHN NESHASKA	NOT NORTH OF HISCASA		501
085	N PREIRIT, MLACK HANDED SKINK FUMECES SEPTENTHIONALIS SEPTENTHIONALIS	SUFT SUILS, GMAYEL OFPOSITS, SANDY AREAS FITH PLANTS BEETHEEN PRAIRTE BEODOS		ALL BUT NORTHEAST BUANTEN, IS ALONG ST. CROIX HIVEN AND IN BELTHANI CO		501
047	AURTHERN HED BELLIED SAAME STORERIA CCCIPITUMACULATA OCCIPITOMACULATA	SPHAGNUM BUGS,	EAST FHOM MN TO LAVE NO KB UK, EACEPT STAIN MOST INST OM B GA AND FLOH	ALL BUT SOUTHALST CONNER		€01
100	WESTERN PLAINS GANTER SNAKE REGINA SEPTERVITTATA	CAN HITHSTAND MEAT AND LACK UP GATEM, CAN BE AMAY PHOM GET LUGLANDSGIOT	MINNESOTA TO MISSOUNT AND REST TO HOLRIES	ALL BUT NUNTHEAST GUARTER AND SOUTHEAST CUNNER		201
90102	EASTERN GARTER SMAKE THAMNUPHIS SIPTALIS SIRTALIS	HEADU-S, MARSHES, MOOI) LANDS, MILLSIUFS, EY STHEAMSQUAINAGE OTICHES		EASTERN MALP MUSTLY EAST UP THE PISSISSIPPI HIVEH		501
707	EASTERN HOGNOSE SNARE HETENDOON PLATYRHINDS	SANDY AREAS, NEAR APPRIMIAN MAHITAT	NH TO SOUTH FL, PEST INTO EAST NE AND TAN MINHISEAST MN			∢ 01

ENVINONMENTAL RESOURCE INVENTURY AND ANALYSIS SYSTEM (EMIAS) RIGOLINFORMATION SUM-SYSTEM HUM UAIFE OTZORZYM PZEGRISS

UENTLUPEU BTI ST, PAUL UTSTMICT LUMPS UP ENGLETES ST, PAUL, MINN SSIOT MEPTILES OF THE MISSISSIPPI WIVEN MEAD-ATENS MEGION

PAUL NUI 15

10 CDMM(N NAME MABITAT RANGE IN U.S., MANGE IN STATE NUTES UN NR SCIENTIFIC NAMES HINNESDTA LOCAL POPULATION CONF

OIII FASTERN SMOOTH GHEEN SNAFE OPHEDORYS VEHNALIS VERNALIS GLADES AND GRASSY UP NEW ENGLAND INTO OVE FROM THE Nº TMRO NE UMIDGETCHIGAN THE MISSISSIPPI NOR ENURTHENN MALF OF HI HEADAITERS MEGIUM TO ST CHOIR M

201

ENVIRONMENTAL MEBOUMCE INVENTORY AND ANALYSIS SYSTEM (EMIAS)
BIG-INVENTATION SUB-SYSTEM
RUN DATE: C7/08/75 2214853

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10	COMMUN. NAME SCIENTIFIC NAMES	MADITAT	wandt in u.s.	MANGE IN STATE MINNESUTA	NOTES ON LUCAL POPULATION	2004C
••••						
119	HUNRUBRY NECTURUS MACOLOSUS	LAKE, RONO, RIVERS AND Droem Remeanent BODIES OF WATER	. NE - ENG TU - ANTOHA AND SOUTH TO DHAINGE AHEAS OF TENNESSEE . HISSOURI RVH			401
150	CENTRAL NEST DIEMICTYLUS VIRIDESCENA LOUISIANENSIS		BET-EEN EAST MN TO EAST THE AND MEST MT TO LA-SOUTH AL GA SC -NORTH FLORIDA	VALLEY TO 115		3 01
121	BLUE SPOTTED SALAMANDER AMBTSTOMA LATERALE	S-ALLOW WOOOLAND ON PASTUME RONDS	EAST HA HI IN AND EASTHARDING MORE SOUTH IMAN NORTH HT	NORTHEASTERN MALF		A 0 1
122	JEFFERSON SALAMANDEH AMRUSTOMA JEFFERSONIANUM	ONLY IN MEAVY UNDISTURBED MARQ=000 ON CONIFEROUS =0005, ROTTED LOSS	EAST MA HI IN AND EASTHARDIS NOT MONE SOUTH THAN NURTH RY AND VINGINIA	NURTHEASTERN HALF		30
124	FIGER BALAMANDEW AMBY BTOMA TIGHINUM	HIDE IN HOIST, COVENO PROTECTED, ONO ISTOMBO SITUATIONS	MOST OF US EXCEPT 5 FLBAPPALACHIABNEN ENGLANDEN MI,-I,MNSS NV,CA,OREN MA	ALL BUT NURTHEAST GUARTER		3 0
129	ATHICAN TOAD MUFO ATEMICANUS	CITY WACKVANUS TO MTN PILDEMNESS IF NEAR SMALLOW MATER FOR RMEEDING	MN 14 MO 1L KT TN NORTH MS AND EAST-RO EFCEPT SUUTH AL GA AND CAMOLINAS	STATE-10E EXCEPT SOUTHRESTERN CONNER		50
132	CuffClter maf v Shrling steafn	BRUSHY RECOND GRO-TH -JOOLUTS NEAR SMALL RONDS OR SHAMPS, EVEN TEMPURARY	EASTHARD FROM EAST MN 14 MS ORNTEASS AMBERT SOUTH GEORGIA AND FLOHIDA	EASTERN HALF		50
133	PASTEMN GWAY THEEFHOG MFIA WEWSICOLOW	NEAM OR STANDING IN SMALLOW HOOTES CO	NUNTHERS SH OF SAINE	EXCEPT ALUNG SOUTH DARULA AND LAKE UP		4.0
	versicoup.	-ATEH	SOUTH PLONIDA	THE - MUUS		\$01

FNOTOCHEATAL RESOURCE INVENTORY AND AVALUSIS SYSTEM (FRIAS) RIGHINFORMATION SUM-SYSTEM RIM DATER OTZORZTA PPIRAISS DEVELOPED BY:
57, MADE DISTRICT
CHOUS OF ENGINEERS
51, MADE, MINN 55101

10	COMMON NAME SCIENTIFIC NAMES	TAPITAT	HANGE IN U.S.	MANGE I' STATE	NUTES UN LULAL PUPULATION	5004L1
135	MUREAL CHORUS FADG	MARSHT ENVIRONS OF	EAST UT ID AND MTE	STATEWIDE EXCEPT		
	PSEUDACHIS Thiseriata Maculata	PDNDS LAKES, AND MEADURS	MOST OF MY CO NE SO ND MN+NORTHERN +1SC AND MICHIGAN	SOUTHEASTERN CORNER		501
136	-£STERN CHONUS FROG	PRAIRIES, FAHM AND URBAN AREAS, NEEDS	SD WE KS ON MD IA MY HI IL IN MI DH AND	SOUTHERN MALF		
	THISERIATA THISERIATA	SMALLDW MATER MAINLY FOR BREEDING				301
134	WING FROG RANA	#DG8	AL WH THD MTIME WASHE	NDNTHENN MALF EXCEPT MESTERN COUNTIES		
	SEPTENTRID VALIS			C0041123		501
139	NURTHERN LEUPARD FRUG Rama Pipiens	MEADD »\$, PD »D\$	NORTH US EXCEPT NEST URSHAJALSO NV UT CD NM AZ RT TN VA NC B	STATEMIDE		
	PIPIENS		NORTH AL TO SC			301
140	GMEEN PROG UANA CLAMITANS	SPRING, RILL, CRÈEN, DIICM, EDGE DP LANE, PDND\$18MALLDm, FRESM	EASTERN US EXCEPT THE SOUTHERN STATES	EASTERN MALF		
	-LLANDTA	HATER				301
141	-000 1406 RANA	MDIST WOUDED AREAS	EASTERN US TO SOUTH	NONTHEASTERN MALF		
	STEVATICA		TO EASTERN IL 8 MM +			301
10-1	INNOENTAL WESHINCE INVENTIONS INFOMPATION SUN-SYSTEM DATE: 07/CA/TH 22/WAINS	AND ANALYSIS SYSTEM (EM)	A\$1	••••••••	UEVELOPED ST. MAUL COMPS UP	

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301 CONANT, M, 1958, PIELO GUIDE TO MEPTILES AND AMPMIMIANS, MOUGHTON, MIPPLIN CO.,

BOSTON, 1859,

ENVIRONMENTAL MESQUARE INVENTORY AND ANALYSIS SYSTEM (EMIAS)

BID-IMPORTATION SUB-SYSTEM

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10	COMMON NAME SCIENTIFIC NAMES	MABITAT	HANGE IN 11.5.	MINNESUTA	NOTES ON LUCAL POPULATION	Suu-Ct Cout
0143	BONFIN (FHESM-MATER DUGFISM) A-1A CALVA	SLUGGISH HIVERS AND SHALLOW LARES, SPANN IN SHALL STHEAMS AND MAHGINS,	U.SMINNESOTA TO	SOUTHERN FALL UP STATE		402
0147	RUKANEE SALMON ONCORMYCOUS NERRA KENNERLYI	LIVE IN LANULOCKED LAKES AND ENTER TRIBUTARIES TO SPANN	UREGON TO ALASKA ON AEST CUASTO INTHUOUCED ELSEONENE	AND ITABCA COUNTIES		402
0144	CMINDOK SALMON (KING, PACIFIC ONCORMYNEMUS TEMA-YTSCHA	SEA DH LAKE AND SHIM	PACIFIC CHAST, CALIFORNIA TO ALASKA -INTHODUCED INTO THE GREAT LAKES,			402
0150	LAKE TROUT SALVELINUS NAMAYCUSH NAMAYCUSH	COLO, DEEP LAMES WITH MIGH DAYGEN CONTENI, SPARN ON ROCKY 8HOAL8,	GREAT LAKES HEGION. NORTHERN NEW ENGLAND STATES, INTRODUCED #IDELY IN PEST	IN NORTH EAST		40 2
0153	EASTERN BROOK THUUT SALVELINUS FUNTINALIS	COLD, CLEAR STREAMS AND LAKES,	MINNESOTA È TO NEO ENGLANO ANO S TO GEORGIA, INTRODUCED HIDELY IN MEST	NORTHERN HALF AND SOUTHEASTERN BUARTER OF STATE, INTHODUCEU ELSEMBERE.		417
0154	RAINRU- TROUT SALMO GAIMONEMI	CLEAR, CULD STREAMS AND LAKES	A UP HOCKIES, CA TO AM, INTRODUCED IN DEST AND IN GREAT LAKES REGION.	NONTHERN TODO THINDS AND SOUTOEASTERN QUARTER OF STATE.		417
0155	HRUPN THUUT SALPO Thutta	COLO STREAMS AND LAMES	WIDELY INTHOOUGED THROUGHOUT THE U.S.	STATE TIDE EACEPT ALONG MESTERN BUNUER		417
0156	######################################	GOLET AREAS OF LANCE STREAMS AND THEIR CONNECTED LANES OR MACKWATERS.				402
610-	ONNESTAL RESIDURCE INVENTION AS INFORMATION SUB-SYSTEM DATE: OFFORTA 22:48:53	VD ANALYSIS SYSTEM FEMI		•••••	LORPS U	

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10	COMMON NAME SCIENTIFIC NAMES	MABITAT	MANGE IN U.S.	MANGE IN STATE MINNESOTA	COCAL MOMOLATION	SOUNCE
0157	MUNETE	QUIET -ATENS OF LAKES AND RIVERS.	NONTH DAKOTA EAST TO NEW YORK, SOUTH TO	STATE - IOE - LUCALLY SCATTERED IN - MAJOR		
	TERGISUS	SPAON IN SHALLOW STREAMS.	ARKANSAS AND ALABAMA			402
0158	NUBTHERN PIRE ESON LUCIUS	COOL TO WARM PONUS, LAKES AND SLUGGISH HIVERS, GENERALLY IN		STATE-IDE-IN NEARLY ALL LAKES AND STHEAMS.		
		MEEDY MATERS.	HIVEH,			402
0159	MASGUINONGY MASGUINONGY	LAKES AND QUIET RANTS OF RIVERS, PREPERS CUOL, CLEAM, WEEDY WATERS.	GREAT LAKES AND ST. LAMPENCE DRAINAGES. S IN OMIO RIVER VALLEY TO AL.	MS AND RAINY RIVER DRAINAGES. NORTHERN LAKES. STUCKED ELSEMENE.		402
0166	NONTMENN NEOMONSE MUNOSTOMA MANCADLEPIDOTUM	MUDDY AND CLEAR RIVERS AND STREAMS, NORTH-ARD IN LAKES ALSO,	MONTANA TO NEW YURK, SOUTH THROUGH OMIO HIVEN UMAINAGE, WEST TO KANSAS,	STATE=10E.		*25
0171	NORTHERN BROOK SILVERSIDE LARIDESTRES SICCULUS SICCULUS	LAKES AND STREAMS. PREPERS CLEAR MATERS	MINNESOTA EAST TO NEW YORK AND SOUTH TO GULP STATES, TEXAS AND UK.	SOUTHERN THOM THIROS OF STATE,		402
0176	CHANNEL CATFISH ICTALURUS PUNCTATUS	LANGE, SUIFTUNATER HIVERS AND LUNLAND LAMES, AREFERS CLEAN MATER,	MONTANA TO OM VALLEY -S THROUGH MS VALLEY TO GULF UP MEXICU AND FLORIDA.			402
0179	STONECAT NUTUROS FLAVUS	CREERS, STULAMS, AND MIVERS. IN SAIPT MATERS. IN CHEVICES, UNDER LOGS,	GREAT LANES REGION	SCUTMENT TOUS THINDS OF STATE AND PRUMARLY ELSE-MERE IN NORTH.		402
0180	RADON RULLHEAD ICTALURUS NERULUSUS	LARES, SLUGGISH HIVERS, STAGNANT PROLS AND SLUUGHS,	NUNTH DARCIA TO NER ENGLANDA SOUTH TO UNIT VALLEY AND VINGINIA.	STATE=IDE.		*02

ENVIRONMENTAL RESOURCE INVENTURY AND ANALYSIS SYSTEM (ERLAS) BIOLINFORMATION SUB-SYSTEM RUN CATES 07/08/Y6 22548555

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ST. MOUL. MINN 55101

10	COMMON NAME SCIENTIFIC NAMES	HADITAT	HANGE IN U.S.	HANGE IN STATE	COLAL POPULATION	SOUNC
••••	•••••••		••••••••••	••••••		
183	ELSTERN BANDED RILLIFISH FUNDULUS Olarmanus Ménuna	SMALLON LAKES, MUDOV BROURS AND PONGS- NHERE THEME IS VEGETATION,	EASTERN DARDTAS EAST 10 NEW YORKS SOUTH 10 LUSA, ILLINGIS, INDIANA AND OH	STATE-JOE ERCEPT NORTHEAST CONNEN, COMMON IN 8 AND C LAMES,		≈ 02
188	SCALY JUHNNY DANTER ETHEOSTONA HOLOSTONA	LAKES AND STREAMS IN GUIET MATERS,	EASTERN UNKOTAS EAST TO LAKE ENSE.	STATE-10E-15 ALL ORALNAGES.		
	EULEP18					405
144	LEAST DARTER ETHEOSTOMA MICHOPERCA	SMALLOW WATERS OF LAKES AND SMALL Syreams.	MINNESOTA EAST TO NEW YORKS SOUTH TO RENTUCKY, AMMANSAS AND ONLANDMA.	CENTHAL UNE-HALF OF STATE, SCATTENED LOCALLY ELSENHERE,		402
0201	GMFAT LAKES WHITEFISH CUREGONUS CLUREAFORMIS CLURFAFORMIS	LANGE LAKES AND INIBUTARY STULANS AT SHALLON TO MODERATE DEPTHS.	HINNESCTA THROUGH HE GREAT LAKES HINNESCTA THROUGH	NORTHERN OREOMALP UP STATE, AND LAKE SUPERIOR,		402
818	Cadbio Cadhings Cadh	PREFER SLUGGISM, MARM MATERS OF LAMES RIVERS AND LARGE STREAMS,	INTHUOUCED INTO NEARLY ALL STHEAM SYSTEMS IN U.S.	STATE-IDE EXCEPT IN LAKE UP THE +000 UMAINAGE,	s	*02
1150	GHEAT LARES LUNGNUSE DACE RMINICHTHYS CATAMACTAE CATAMACTAE	SHURES OF LAKES INCLUDING GHEAT LAKES AND IN SHIFT SYREAMS,	NONTHERN ONE-POURTH UP U.S SCATTENEO LOCALLY ELSENMERE,	STATEMION, EXCEPT SOUTHERSTERN CORNER		402
212	HHASSY HINTON HYRUTNATHUS HANKINSUNI	CREERS AND LAKESO DEFEN IN BOG MATERS,	MONTANA EAST TU LARE CHAPPLAIN AND S TO NEWMASKA, PISSOUNI AND CULOWADO,	STATE-10E- IN ALL ORATHAGES,		402
02:3	CENTRAL STONFHOLLEN CAMPOSTUMA ANIMALUM PULLUM	SMALL HIVENS, CREFRS AND GMAVELLY EMOUNS, PHEFED CLEAM GATER,	EASTERN DAKOTAS EAST TO NEW YORK AND SOUTH TO ALAMANA AND TEXAS.	FUUM DULUTH TO THE		w02
10.	TONNENTAL HESINACE INVENTORY INFOHMATION SINASYSTEM DATE: 07/08/76 22144:55	AND ANALYSIS SYSTEM (EMI	45)	•••••••		
			79			4144 5510

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10	COMMON NAME SCIENTIFIC NAMES	MABITAT	MANUE IN U.S.		NDIES UN AL MUMULATION	SOUMEL LUGE
0214	NUMTHERN PEARL DACE SEMOTILUS MANGARITA AACMTWIERI	COOL LAMES, STREAMS, CMEEKS AND BOGS,	NORTHERN STATES FHUT HOCKY MOUNTAINS TO NET YURKA,			 0 €
0550	NUMERON REDAELLY DACE PROKINUS EUS	SPALL STREATS AND BOG LAKES	CANADA SOUTH TO MONTANA CENTRAL MINNESOTA AND PA ISOLATED IN NE	STATE-10E EXCEPT SOUTHEAS? CORNEY		405
0551	WESTERN GOLDEN SMINER NUTEMICONUS EMYSOLEDEAS AURATUS	LARES AND GUIETER PARTS OF STREAMS, TOLERATES EUTROPHIC CONDITIONS,	NONTH CAROTA SAST TO LAKE ONTARIO AND SOUTH TO TENNESSEE AND ORLANDMA.			6 02
0555	SLUNTHOSE MINHO- PIMEPHALES AUTATUS	LAKES AND STHEAMS- USUALLY IN CLEAR HATEMS,	NONTH DARDIA EAST TO LAKE CHAMPLAIN, SOUTH TO VIRGINIA, ALABAMA AND UR	STATE-10E.		402
0552	NUMTHERN FATHEAU PINNOP PIMEPHALES(HYROMHYNCPUS) PHOMELAS PHOMELAS	BOGGY OF SILTY LARES PONOS AND STREAMS.		STATE-IDE- IN ALL UNAINAGES.		*04
0225	PUGNOSE SMINER NUTROPIS ANDGENUS	CLEAR AND MEEDY MATERS UP LAKES AND STHEAMS:	EASTERN NORTH GAROTA EAST TO LARE CHTARIO WSUUTH TU NORTHERN IL AND IN.	STATERIOR EXCEPT IN		. 25
0550	NITHOPIS NUTHOPIS	UEEP, NIGE WATERS OF HIVERS, HAMELY IN LAKES.	MONTANA AND ATUMING EAST TO PENNSYLVANIA AND SOUTH TO TEXAS AND TENNESSEE.	AND LOSEN ST. CHOIX		*U2
0224	HEACTCHIN SHINEH NOTHING IS HETERUNUN	CLEAN AND NEEDY LAKES, HIVENS, DUES NOT TREEMATE TUNNIUITY,	NONTH GAROTA EAST TO MAINE AND SEUTH TO TORE AND NEW YORK,	STATERIDE, COMMON IN NORTHERN HALF, Mart In Southern Malf,		\$0.0

ENVIRONMENTAL MESOUNCE INVENTORY AND ANALYSIS SYSTEM (EHIAS) BIO-INFORMATION SOM-SYSTEM NUM DATE: 07/08/76 22/48/55

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ST. PAUL DISTRICT
CORPS OF ENGINEERS
ST. PAUL, MINN 55101

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10	CONTON NAME BCIENTIFIC NAMES	H481747	MANGE IN U.S.	MANGE IN STATE MINNESOTA	TOTES UN LUCAL POPULATION	\$0UHLE CODE
9250	NUMTHERN SPOTTAIL SHINER NUTHORIS HUOSONIUS	LANGE LARES AND MIVERS INCLUDING LARE SUPERIOR, ALSO IN STREAMS.	NURTH DARDIA EAST TO NEW TOPE, AND SOUTH TO IONA, ILLINGIS AND GEORGIA,			*05
230	NURTHERN COMMON SHIMER NUTHORIS CURNUTUS EMONTALIS	LAKES, STREAMS CREEKS AND MIVERS, PREFEMS COOL MATERS,	MONTANA EAST TO MAINE AND SOUTH TO COLONADO AND OHIO.	STATE-10t- IN ALL ORAINAGES.		405
233	CENTRAL RIGHOUTH SHINEP NUPSALIS	SMALL STHEAMS WITH SAND OR SILT HOTTCHS	NORTH DANOTA EAST TO NEW YORK AND SOUTH TO 10-4, ILLINUIS AND UNIO.	STATERIDE EXCEPT NORTHEASTERN CONNER.		40 ≥
235	CHESTNUT LAMPREY ICHTHYONYZON CASTANEUS	RIVERS AND STREAMS	GREAT LAKES NOWTH HISCONSIN TO LOUISIANA	MISSISSIPPI AND ST CRUIX MIVERS AND MED MIVER		402
236	AMERICAN HOUGH LAMPHEY LAMPFINA LAMUTTEI	Swall Citam STPtams	GREAT LAKES TO TENNESSEE AND MISSOURI	ST CROIX MINNESOTA AND MISSISSIPPI MIVERS AND THEIR THIBUTAPIES		40 ≥
237	SILVER LAMPREY ICHTHYGHZUN UNICHBPTS	RIVERS STREAMS AND THE GREAT LARES	UPPEH MISSISSIPPI, MUOSUN BAY AND GHEAT LAKES DHAINAGES	STATERIOÉ EXCEPT NOMTHEMN ST CHOIX HIVEN		402
238	RUPBOT EUTA LUTA	LANGE LAKES AND STHEAMS SPANNS IN SMALLUM NATER	NEW ENGLAND AND PENSELVANIA TO COLUMBIA SIVER NORTH TO ARCTIL	MORTHERN TALF OF STATE AND LARE PEUTN AND SHITE ORTER RIVEN		402
) 2 4 0	T-001PENCH PENCHOSIS OMISCO-AVENS	DEEP CLEAR LAKES AND RIVERS SPAIN ON GPAVEL HUTTORS	GHEAT LANES REGION AND UPPER MS MIVEM DHAINAGE NUMTH INTO YURDN	ST CHUIR, HAINY AND HISSISSIPPI HIVENS AND DEEP LAKES STATEWIDE		402
110-	MONTENTAL MEROUMCE INVENTION V INFORMATION SIMMSYSTEM UNIE: OTZORZTA ZZEWAJNS	AND ANALYSIS SISTE" (EWI		••••••••	DEAFFIRE	0 078 019141L1 ENGINEERS TINN 5510

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10	SCIENTIFIC NAMES	+48174T	RANGE IN U.S.	MANGE IN STATE MINNESUTA	FOCAL MOMOFALICA	\$004CE E00E
0241	CHMPED2001 CY1021CH02 GMITE (CCHMDM) SOCKER	ALMOST ALL PERMANENT BIDIES OF PRESMATER PROP SMALL STREAMS TO LARGE LARES	COLOHADO MISSUURI	STATE-10E		465
0244	GULDEN REUPCHSE MUXUSTUMA EMYTMRURIM	CLEAR STREAMS LANES AND RIVERS	MINNESDIA AND SCUTH ONTARIO BOUTH ID UNLAMUMA AND GEORGIA	MEST CENTHAL PART UP		425
0245	SILVER MEUHORSE MUXUSTOMA ANTSUNDH	LAKES AND LANGE	SASKATCHE-AN TO ST LA-MENCE SOUTH TO MISSOUNT AND ALABAMA	THHOUGH CENTRAL MY		w25
0247	GUILLMACH CAMPSUERFR CAMPIUDES CYPRINUS	MIVERS AND LAMES	GREAT LARES SOUTH TO HANSAS AND # PLONTON AND ATLANTIC UNAINAGE			425
0252	TADPOLE MACTOM NUTURUS GYRJAUS	GUIET WATCH SILT BOTTOM OR DEBMIS OF LANC MARGIN	NONTH DANDTA SOUTH TO PERRIUA AND EAST TEXAS INTRODUCED IN COLUMBIA WIVER	STATE-10E		402
0253	RLACK RULLMEAD JÉTALUMUS MELAS	SHALLON LAKES AND MUDDY STHEAMS	NONTH DAKUTA TO NONTH NEW YORK SOUTH TO RENTIJERY AND 10MA	\$1416-1UE		402
0259	Mainul Coling Antiffu scafalz	AND GHAVEL HUTTOMS	EAST UP ROCKIES IN COLUMADO THHOUGH UHEAT LAKES SOUTH TU N VINUINIA	\$141t=10t		402
0265	PETLE SINCUSTOMA PARTEM	FLUND PLAIN LAMES STREAMS AND SLUUGHS	SASKATCHENAN TO WIEBEC SUUTH TO INHA COLUMADO INDIANA AND ONIO	STATEMIUE		•05

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OZAM JUMNAY DANTER ETHEOSTOMA **IGNUM **IGNUM	HANGE IN (1,5), WANGE IN STATE NOTES ON SOUND HINNESOTA LUCAL POPULATION COD	WANGE IN 4.5.	MAG [TAT		ID
PERCINA MACULATA PERCINA MACULATA STHEAMS RIVERS AND CANADA SOUTH TO ORLAHOMA AND ALABAMA ALONG RED MIVER STATE AND NUMERHEST AND REST FLORIDA CAPRODES CERAN COLD LARES AND STATE NOR CANADA SOUTH ALONG STATE NOE STATE NOE STATE NOE CANADA SOUTH ALONG STATE NOE STATE NOE STATE NOE CANADA SOUTH ALONG ATLANTIC COAST TO NO MEST TO AN NOMIN ALONG MO MIVEN SPAN CANADA SOUTH TO OPID STATE NOE CANADA SOUTH TO UPID STATE NOE CANADA SOUTH TO UPID STATE NOE CANADA SOUTH TO CANADA CANADA SOUTH TO CA	Y MISSISSIPPI DEALWARE TO ATLANTIC SOUTH TO	MISSISSIPPI DRAINAUE TO ATLANTIC SOUTH TO	STHEATS HITH SANDY	ETHERSTUMA	Sva
PEWCINA CAPRODES LAKES TERAS MISSISSIPMI AND REST FLOWIDA THE AND REST FLOWIDA TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA SOUTH RANSAS THE AND SIREAMS THE AND SIREAMS TO CAMADA SOUTH TO CAMADA SOUTH RANSAS THE AND SIREAMS TO CAMADA SOUTH TO CAMADA STATE-IDE TO GOULF DE MEXICO TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE THE MICHOLITE BASS ALD SIREAMS WERMONT TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA SOUTH TO CAMADA STATE-IDE TO CAMADA SOUTH TO CAMADA S	VORK SOUTH TO STATE AND NUMBERST	YORK SOUTH TO		PERCINA	270
STIZOSTEDICN VITHEUP STALL TRIBUTARIES TO ALCHES TO AND ALCHES TO ALCHES	1Ex48 MISSISSIPPI	12 x 43 MISSISSIPPI		PENCINA	271
PERCA PLAYESCENS PLAYESCENS PLAYES AND SIREAMS PERCA GROULING AND NORTH NANSAS PTS ROCK BASS AND SIREAMS PERCA SOUTH TO CANADA STATEMIOE AMBLORLITES ALONG MEEDY MANGINS SOUTH TO GULF DP MEXICO PTA SMALLMOUTH BASS CLEAR SHIFT STREAMS LAKE UP INF MODUS STATEMIDE AND MEDIUM SIZED	ATLANTIC COAST TO NO TO NEST TO AN NOMIN	ATLANTIC COAST TO NO	RIVERS MIGRATE UP	STIZOSTEDION VITHEUM	
AMBLORLITES ALONG REEDY MANGINS SOUTH TO GULF OF RUPESTRIS TA SMALLHOUTH BASS CLEAR SHIFT STREAMS LAKE OF THE HOURS STATE-IDE HICHOPTEHUS AND HEDJUM SIZED	SOUTH CAROLINA AND	SOUTH CAROLINA AND		PERCA	
MICHUPTERUS AND MEDIUM SIZED	NS SOUTH TO GULF OF	SOUTH TO GULF OF		AMMLORLITES	75
		LARE OF THE HOURS	AND MEDIUM SIZED	HICHUPTERUS	74
77 LARGEMOUTH HASS CLEAN TO MUDOV LARES EAST OF MUCKIES FROM STATE-JUE PICKOPTEMUS AND STREAMS SLUDGHS CANADA SOUTH TO SAL-CIDES AND BACKHATEMS FUNMIDA AND MEXICO	HS CANADA SOUTH TO	CANADA SOUTH TO	A .U STREAMS SLUUGHS	PICHOPIENUS	

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NH IO	COMMON NAME OCIENTIFIC NAMES	HABITAT	RANGE IN U.S.	RANGE IN STATE HINNESOTA	NOTES ON LUCAL PUPULATION	200E 200mCF
0278	GREEN SUMPISH LEPUMIS CYANELLUS	SMALL SMALLOW LAKES AND CREEKS	SOUTH DAKOTA AND COLUMADU EAST TO NEW YORK AND SEDTH TO GOLF OF MEXICO	LOCALLY SCATTEMED STATE-10E		402
0281	RLUEGILL LEPOWIS WACROCHIRUS	CLEAR WATER LAKES AND STREAMS	MINNESOTA EAST TO LARE CHAMPLAIN SOUTH TO FLORIDA SOUTH TO TEXAS	STATE NICE EXCEPT NORTHEAST CORNEM		-02
0282	PUMPHINSEED L&POPIS GIOSOSUS	CLEAR LAKES AND LARGE STREAMS	OAKOTAS TO EAST CANADA SOUTH TO CAROLINA AND 10=4	STATEWIOL EXCEPT NORTHEAST CORNER		•02
0284	WHITE CRAPPIE PUMONIS ANNULARIS	LAKES, STREAMS, BACK-ATERS	MINNESOTA AND GREAT LAKES SOUTH TO TEXAS AND MEST PLONIDS			-02
285	RLACK CRAPPIE PUMOXIS NIGHOMACULATUS	LANGE STREAMS MEDIUM SIZED LANES SELDOM IN LANGE LANES		STATE-IDE EXCEPT NORTHEAST CORNER		402
286	LARE STURGEUN BLIPENSER Pulvescens	LARGE LAMES AND Mivero	GREAT LAKES DRAINAGE DPPEH MISSISSIPPI RIVER AND MUDSON BAY DRAINAGE	ST CHOIR AND HED,		+02
7650	SHOVELNUSE STUNGEON SCAPHIRHYNCHUS PLATONYNCHUS	FREE HIAFEP	MISSIBSIPPI MIVEN AND ITS LARGE TRIBUTARIES	HIVERS		***
289	RMOOM STICKLEBACK CULAEA INCUNSTANS	COOL PONOS MODES AND SPRING FED BROUKS	NAMBAS TO MAINE AND NORTH INTO CANADA	STATENIUE		*02

ENVIRONMENTAL RESOURCE INVENTURY AND ANALYSIS SYSTEM (EMIAS) BIG-INFORMATION SUM-SYSTEM HUN DATE: 07/08/76 22:48:55

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ID NR	COMPUN NAME	MABITAT	RANGE IN U.S.	RANGE IN STATE	NUTES UN LUCAL PUPULATION	200F
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240	NINESPINE STICKLEBACK PUNGITIUS PUNGITIUS	COASTAL WATERS STREAMS SMALLUM MATERS OF LAKES	ALASKA TO GREAT LARES TO ATLANTIC ORAINAGE SOUTH TO NEW JERSEY	NONTHERN UNE THINU OF STATE		429
241	CENTHAL MUDHINGO.	SHAMPS PONOS AND SLUGGISM STMEAMS	UPPER MISSISSIPPI GREAT LARES REGION	STATEMIOE		402
297	PAYMEAD MINNON PINEPHALES OFORELAS	SOGGY OR SILTY LAKES PONOS AND STHEAMS	MAINE MEST TO ROCKY MOUNTAINS NORTH TO CANDA SOUTH TO GULF STATES	BTATEWIOL		405
100	enterio se inter enterio se inter enterio se inter	LAKES AND LANGE RIVERS ENTER MOUTHS OF THIRUTARY STREAMS IN PALL	CANADA SOUTH TO	STATE=IUE		40≥
1107	SAND BOINER NUTHOPIS SIGNOTHER	STREADS OFF STRUNG TO MODERATE CURRENTS AND SANDY GMAYEL BOTTODS.	NURTH GARUTA TU ST LAMENCE AND OHIO HIVEN GRAINAGE SUUTH 10 MERICU	SUUTMERN TOU THIROS OF STATE		4 02
101	CHENTOS COMMITOS MOJANIAS COMMON CENTRAL SMINTE	IN NOMIN MANN STREAM AND LARES IN SOUTH CLEAR COOL CHEEKS AND STREAMS		874TE=10E		402
309	SHOTE IN SOLUTE NUTROPES SPILOPTERUS	SANOV SILT SOTTONS	MUNIM CAKUTA AND MISSOUME TO LAKE COAMPLAIN AND POTOMAC REVEN	SOUTHERN MALE EXTENDING THROUGH CENTUAL PAUT TO NO BOUNDARY		402
307	SPTCHWOSE 2-INE-	CLEAN OFEDY LAKES AND CLEAR MATEM STHEAMS	CANADA TU MAINE AND UMIO HIVEN OMAINAGE	NONTH-EST AND SOUTH		405
10-	MONOFALTE MESONNES INVENTER INFORMATION SUMMESTATES DATES OFFORFITA		4\$)	••••••	ST. PAUL COMPS UP	641

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H	CUMMON NAME SCIENTIFIC NAMES	MARITAT	HANGE IN U.S.	MANGE IN STATE MINNESOTA	MOTES ON	BOUNC CODE
H 7	HAVMEAD CHUH Ropsis Guttata	SMALL TO MEDIUM SIZED STHEAMS	MYDMING AND NURTH DAKOTA TO NUDSON HIVER SOUTH TO NONTH ORLANUMA	STATEWIOE EXCEPT NORTHEAST CONNEN AND NORTHEAN BOUNDARY MATERS	•••••••••••••••••	405
3 t	EEK CHUB (MOWNEU DACE) MOTILUB ROMACULATUB	STALL STREAMS AND RIVERS OCCASIONALLY LARGE LAKES AND HIVERS	MONTANA AND MANITOWA TO EAST CANADA AND SDUTM TO GULF OF MEXICO	\$747£w10£		
-	ICKNOSE DACE INIC=THYS Patulus	SPALL STREAMS SPANNS IN RIPPLES OVER GRAVEL AND RURSLE	NORTH DAKOTA TO ST. LARRENCE SOUTH TO NESRASKA AND NOMIH CAROLINA	STATEMEDE		402

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PAGE 401 25

10	COMMON NAME BCIENTIFIC NAMES	MAUITAT	RANGE IN U.S.	HANGE IN STATE	NUTES ON LOCAL MUPULATION	SOUNCE
0335	Iwner Caria Cnewow foom	AND MIVENS, SINTERS ALUNG COASTS	NONTMERN US HINTERS N LIMIT OPEN MATER TO CALIFORNIA AND GULF CUAST	COMMON SUPMER MEBIDENT THROUGHT BTATE LEBS PHEGUENT IN PHAINIE		>03
337	WEDT-ORATED LUCH GAVIA ANTICA	VERV RARE MIGRANT IN IDMA, SICHIGAN AND MISCONSIN BUT COMMON IN MINNESOTA	AREA, AND MAINE TO	HEGULAH MIGHANT EAST IN STATE COMPON IN LARE SUPERIOR		504
0338	SED-VECKER CAFRE	NESTS IN MEEDS AND MUSMES ON EDGES OF DEEP GATEM LAKES	IN S US S CA TO LA TO FL, IN N US NA TO OMIO VALLEY TO NE« MAMPSMINE	REGULAN MIGHANT NESTS IN NO CENTHAL AND EAST-CENTHAL NEGIUNS		504
033*	HURNED GREET PUNICEPS AUPITUS	COMMON IN BREEDING HANGE, FLOATING MASS DECAYED VEG.IN REEDS AND NUBBES	N SOUTH DAKDTA TU NY HINTERS ACROSS 8 US	REGULAN PIGNANT AND SUMMEN MESTUENT CASHAL MINTEN LARE SUPENIOS		>04
340	EARED GREBE PUDICEPS CASPICUS	NESTS IN COLUMIES IN SMALLOW MATER AND MUSHES IN	SHEEDS SO US TO 1004 MINNESOTA TO NEO YORK, OINTERS HA TO S US	HEGULAR MIGHANT AND BURREN HESIDENT IN RESIENT AND CENT, HEGIONS	•	>04
7341	WESTERN GWFRE AECHMOPHORUS OCCIDENTALIS	NESTS UN LANGE DEEP LAKES FLOATING NESTO ING REEDS AND RUSHES COLONIAL		MEGULAN MIGRANT AND SUPPEN MESTURNT MREEUS N TO S IN PEST		504
342	BIED-MILLED GHEBE	ABUND, MREEUS ALUNG SLUUGHB, DYEN AM) HEEDY MANSHY BHDRES LAKES AND MIV,	ENTINE US	MEGULAH MIGHANT ANU SUMMEN MEBIDENT MANELY BHEED NO, MANE IN HINTEN		>04
343	HMITE PELICAN PELECANUS HMITE PELICAN	NEST UN HOCKY LARE Smores and Islands Of Teas	BHEEDS S CA, N UTAM, NDMTM DANDIA, COAST UF TEXAS	CDONUN MIGHANT DESTOCENTRAL, SO, AND SOUTHOCENTRAL, SHEELS N AND SO		>04

ENVINONMENTAL RESOURCE INVENTIORY AND ANALYSIS SYSTEM (ENTAS) BIO-INFONMATION SIM-SYSTEM RUN DATE: 07/08/76 22:45:55

DEVELOPED BTS ST, PAUL DISTRICT LONES OF ENGINEERS ST, PAUL, MINN SSTOL

NR	COMMON NAME SCIENTIFIC NAMES	TAT[84H	RANGE IN U.S.	HANGE IN STATE	NUTES ON LOCAL PUPULATION	\$00MC(C00E
345	OUUBLE-CRESTFO CORMURANT PHALACROCORAY AURITUS	COLONIAL NEST IN TORS OF TREES WITH GREAT BLUE MERONS	N UTAN TO N MN. TO MAINE TO PL KEYS TO TH TO NM	COMMON MIGRANT AND SUMMER RESIDENT BREEDS NO AND MEST CENTHAL		>04
346	GREAT BLUE HERON ANOBA HERODIAS	COLONIAL TREE TOP NESTER OFTEN ON ISLANDS IN LAKES AND RIVERS	UMETOS ENTIME US. HINTERS S TOO THIMOS US	COMMUN SUMMER RESIDENT ENTIRE STATE RANK IN STRIER SE		504
344	CVEHATER PLAS MEMON STATES OF STATES	EDLONIAL HITH OTMER MERONS, NESTS IN THEE TOPS	BREEDS AND WANDERS WAFTER BREEDING FROM ON TO NO TO EAST COAST	SPRING MIGRANT SUMMEN VISITOR BREEDS MEST CENTRAL		504
350	GMEAT EGPET(COMMON EGRET) Casmemodius algus	COLONIAL HITM OTHER MERUNS NESTS THEE TOPS	URLEOS OREGON TO TE TO NJ. HANDERS N TN FALL TO N US INTERS S US	ADVANCING NOHESTHARU		504
353	BLACK-CROMNED NIGHTHERDN NYCTICOMAX NYCTICOMAX	COLUNIAL #17# UTHER HERONS NESTS BELUP TREE TOPS	BREEDS ACRUSS N US NINTERS S US	MIGRANT AND BHERDS SOUTH MALP STATE HARE NE AND NO		504
354	VELLORECHDENEO NIGHTHERUN NTCTANASSA Violacea	COLONTAL WITH OTHER MERONS SELOW TREE TOPS NOT COMMON	BREEOS LASTERN THU TMIROS US, PINTERS S US	COMPON HIGHANT NESTS SE CONNER AND EAST CENTHAL		50#
355	LEAST WITTERN IAOSRYCHUS EAILIS	MARSHES, UUGS AND LAKES FRINGED NITH CATTAILS AND-OR BULLHUSMES	E DREGUN TO MONTANA TO MAINE SOUTHWARD	TMMOUGHOUT		504
356	AMENICAN BITTERN Botaurus Lentiginosus	MARSHES BUGS AND LAKES FRINGED NTTH CATTAILS AND-ON NULLHUSMES	NATTUNETOR	STATENTOE HESTDENT MIGHANI THROUGHOUT EXCEPT IN NOMINEAST		504
10-	NONEETAL RESOURCE INVENTURT INFORMATION SUB-STSTEM PATES 07/08/76 22549153	AND ANALYSTS SYSTEM (ER]	A5)	•••••••	UEVELUE ST. PAL COMPS (ED BYE L DISTRICT P ENGINEERS L. MINN 5510

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PAGE NUT 2

ID NR	COMPON NAME SCIENTIFIC NAMES	MABITAT	HANGE IN U.S.	MANGE IN STATE MINNESDIA	NOTES ON LUCAL PUPULATION	EDUE EDUE
0360	OHISTLING BOAN DLOR COLUMNIANDS	DCCURS IN THE SPRING MIGHATIONS LAKESPONDS BTH ISLESMANSH	WINTERS IN EAST AND MEST COASTS, MIGNATES THROUGHOUT INTERION DN LANGE LAKES			>04
0362	CANADA GODBE BHANTA CANADENSIS	COMMON THROUGHOUT IN MIGRATION-SREEDS IN N IN BOGS ON MARSHES DR ORY GROUND	SREEDS NORTHHEST US	MIGHANT STAYE-IDE. SREEDS STATE-IDE EXCEPT MUNTHEAST		504
0364	BLACK BRANT BRANTA NIGRICANS	UCCURS DNLY DURING Migration on Grassy Isles & Smones of Large Lares	OINTERS ALONG REST COAST, CASUAL IN UTAM OYOMING AND TEXAS	ACCIDENTAL, AITRIN COUNTY AND MARSHALL COUNTY		504
0365	NMITE FRONTED GUDSE ANGER ALMIFNONS	DCCDRS ONLY DURING Migration on Grassy Wonders of Small Lakes	OINTENS CHIEFLY OEST OF THE MISSISSIPPI HIVER	HIGHANT STATE-1UL		504
	SYD= GDOSE (RLUE GOUSE) CHEN HYPERBONEA		einters mest cuasy and gulf coast, in migration, nation eide	STATE-IDE MIGRANT, NON-BREEDING SUMMEN AND MINIER MINDS SCATTENED		504
03•9	MALLARO ANAS PLATYRMYNCMDS	NESTS UN GRUUND IN TMICH GRASS, BUSHES IN MEADOW, SPAMP ON UPLAND	SNEEOS NDRIMERN TOUG THIRDS US BINTERS NATIONOLOE	STATE-IDE MINHANT AND MREEDER, MINTENS S AND N MMENE -ATER DPEN		504
0370	SLACE DUCE ANAS RUPRIPES	NESTS IN MEADURS AND MARSMES UN UPLAND	BREEDS ND, MN, mI, N IL TO E COAST, OINTENS E THIRD US AND TEXAS			504
0372	PINTAIL ANAS ALUTA	NESTS DN LON UNT UPLANDS IN GHASS ON UNDER BUSHES, OFTEN FAN PHOM MATER	UNEEDS AZ TO IA TO NR PA NORTH-ANU, OINTERS SAME ANDA PLUS NE US	MIGRANI STATE-IDE EXCEPT NE. URLEDS S PHAINIES, -INTENS SI NUT MARE		504

ENVIRONMENTAL RESDUICE INVENTORY AND ANALYSIS SYSTEM (EHIAS) BIO-INFORMATION SUB-6YSTEM MUN OATE: 07/08/76 22:44:53 DEVFLUPED BY:
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IU NR	SCIENTIFIC NAMES	TATIBAN		MANGE IN STATE MINNESOTA	NOIES ON LUCAL MUMULATION	2007 2004
	GMEEN -INGED TEAL ANAS CAROLINENSIS	MESTS ON DRY GROUND IN GRASSES UR SUSMES MEAR A LAME DH MARSM	BREEDS CA TU NH TO 8			504
37#	SLUE HINGED TEAL ANAS DISCORS	NESTS IN MAKSH DH Meaddh or adjacent Uplanu	BREEDS = THIND US PLUS TX:NO,LA,AND TH	STATEMIOR MIGHANT AND BREEDER	•	50m
376	EUROPEAN MIGEDN MARECA PELELOPE	טייט או אסראטטיט .	NINIERS S US	GABUAL SPRING MIGRANT ENTIRE STATE		504
377	AMERICAN MIGEUM MARECA ANERICANA	NEST UN DRY GROUND BONE DISTANCE PROM MATER	OREGON TO MINNESOTA N NE TO IN NINTERS S US	COMMON MIGRANT YEAR ROUND SHEEDS N GENTHAL, NN AND NE		504
374	WUND DUCK alk sponsa	WEST IN CAVITY OF THEE NEAR ON FAR PROM NATER	SHEEDS ENTIRE US HINTERS & US	MMEEOS STATE-INE		504
380	REGMEAD ATTMVA AMERICANA	NEST AMONG MUSMES UF SNALLUM MARSHS AND PONOS	SREEDS NOCENTRAL US WINTERS S US ALUNG ATLANTIC AND GULP CDASTS	COMMON MIGRANT BREFOS CENTRAL E TO MARE MINTER EAST CENTRAL		504
381	RINGONECRED DUCK ATTHYA CULLARIS	NESTS SHURES MAKSHT LAKES	BHEEDS DAKOTAS TO CA NINTENS S US TO IL TO NJ	COMMUN MIGHAMI SHEEDS SUUTMERNOEAST CENTRAL REGIUN		504
302	CANVASMACK ATTHYA VALISINEWIA	NEST AMONG NUSHES UF SHALLOW MARSHS AND RONOS	WREEUS PHAIRIE AREAS NORTH-CENTRAL US -INTERS S US ALONG ATLANTIC-GULF	EAST-CENTRAL AND SH		504
810-	valisivemia 10404-ation Bun-Syste Oale; 07/06/76 22148155	••••	-INTERS US ALONG ATLANTIC-GULF		UE VELUPEI SI, MAUL COMPS UP SI, PAUE) dig UISTHICT ENGINEER

) ! . • • •	SCIENTIFIC NAMES	HABITAT	HANGE IN U.S.	HINNESOTA	NOTES UN LUCAL POPULATION	CONF
4	MEAYER SCAUP YTMYA Anila	VERY RARE BREEGEN WITH LESSER SCAUP BAYS WITH SHUME FOOD PLANTS	SELLOS MARE NURTH CENTRAL US MINTERS US COASTS	UNCOMMON MIGHANT EXCEPT NE		504
						,,,,
8	rangnia ncebwyr nwhow rofdfheaf	BREFOS HODOEU LAKES AND STREAMS, HINTERS IN OPEN HATER HITMIN RANGE		WHEEOS NE, NORTH CENTHAL, CUMMON MIGHANT EAST AND CENTHAL		504
8	AHRO=S GULDENEYE UCEPHALA SLANDICA	CUMMON IN MEST. Elsenhene in Oben Matem Duning Ainten	BREEDS NA US, AINTEN N US AND ALONG COASTS	CASUAL MIGHANT AND		
						504
A	UFFLEMEAQ UCEPMALA LBEULA	NESTS MOLE IN THEE OR STUMP.NEAM UN OVEN HATEN	UREEOS No US, minitus No US 10 SE US	COMMON MIGHANT STATEMIOE, CASUAL VISITOM SUMMEN N		>04
C	LO SUMA- ALANGUAL Yemalis	ODES NOT BREED US UNCUMMON IN FINTER LAKELEIS MITH ISLES, UPFSHORE SHOAL	minters us cuasts s to NC and hapuncume mon great lakes s to tx	CENTHAL . MARE S,		504
5	UMMON EIDEN Umateria Ullissima	ABUNDANT, BUT BELOCH SEEN OFF COAST; CUAST HITM SHOALS S HEEFS.	WINTERS UFF NE CUAST	ACCIDENTAL DUNING FALL MIGHANTION		
		GHASSED ISLES				504
100	NITFORINGEO SCOTER BLANITTA EGLANDI	UNCUMMON BREEDER AND HIGHANT USINESTS IN SHRUB BY NATEMINGHAY OFFSHOME SHUAL				504
	UNF SCOTER ELAVITTA	HUST COMMUN SCUTEN NESTS NEAM MARSHY	MINTERS COASTS, UNEAT			
•	E#SPICILATA	PONOS AND LAKESTALSU Musikus Tundha	SM, SE US			506

10 C004 NR SCIENTIFI	NAME	MABITAT	HANGE IN U.S.	HANGE IN STATE	NOTES ON SOUR
	••••••	•••••••	•••••••	·····	
SON HLACK (CUMMON) DIREMIA WIGRA	BCGTER	LEAST COMMON SCOTENT NEST IN COASTAL SAND OUNES; WINTER AT OPEN COAST OTH REEF		UNCOMMON DIGHANT SALL NE HARE HIGHANT SPRING NE	50
S49 RUDUY DUCK OHYUPA JAMICENSIS		NEST IS MANGING FROM RELOS OVEN MATER 165 FT DEEP, IN MODULAND S-AMPS & PONOS		COMMON MIGRANT STATEMIOE EXCEPT NE AND NC, BREEDS C AND PRAIRIES	50
SON HODOED HERGANSE LOPHODYTES CUCULLATUS	•	NESTS IN MOLES IN TREES IN MUDULAND SHAMES AND PONOS	BREEDS ON TO MY TO TH PLUS AN AND IA, MINTERS SAME PLUS 50 US, NE US	STATEMEDE MEGRANT EXCEPT - PHAEMES, MESIDENT STATEMEDE	٥ خ
SOT CUMBON MERGANSF MERGANSER MERGANSER	u	MESTS DW GNDUND UMDER LOGS, BOULDERS, BMANCHES OR IN DEMSE HODOS DR HRUSH	MAFFOR CY LO MM TO M NO 10 MI IN MF ILS* RMFFOR CY LO MM TO M	STATEMICE MIGHANT, UNLESS WE AND NE, WINTERS SE	50
348 RED ARFASTED ** PERGUS SEMBATOR	⊌G <u>4</u> ~\$₹ k	NESTS IN A MECESS OF HOCKS ON DENSE VEGETATION AT FONOS AND LAKES	BREEDS C MN TO C -1 TO NE USINTERS ME S TO CA PLUS PL AND GULP COAST	mighant in C,t, and m, bettos cour, lart, ST, Luuis, and aitrin Countles	Su
GOO TURKEY YULTURE CATMANTES AURA		NESTS ON GROUND BY LOGS BRUSH, MUCKS, ON ON POCKY LEDGES	NATIONHIOE	UNCURNON MIGHANT, RESIDENT IN FORESTEL N AND ALONG ST CROIS MISSPE HYMS	
ACCIPITEM GENTILIS		BHEEDS PUMESTED AREA NESTS IN THEE TOPS	BREEOS CA TO CO TO N HN TO HI TO HO NORTH HINTERS SAME PLUS TX HU, TN, RY, OY, VA	UDLUTH PLY-AT, HANE	50
BOS SHARP SHINNED H ACCIPITER STRIATUS	4.4	BREEDS FUHEBTED AREA NESTS IN TREES 25 TO 50 FEET PHUM GHOUND		TA DECOMEN FXCFS.	>0
NVINCA-ENTAL HESOUN 10-100 OMMATION SUGN UN UATER OT/OM/76 2	8 V 8 T E =	P ANALYSIS SYSTEP (E-I	A 51	•••••••••	UEVPLUPEU BYI SY, MAUL UISTMILT COMPS UP ENGINEEMS

IR S	CIENTIFIC NAME	MABITAT	HANGE IN U.S.	HANGE IN STATE	NOTES ON LOCAL POPULATION	8004CI
•••••	••••••	••••••••••	•••••••	••••••••	••••••••••	•••••••
CUOPERI	t a	NESTS IN HUUGED AREA IN TREES 15 TO 50 FEET UP	MATION-IDE	SR STATE-IDE, BARE UN PHAINIES, UNCOMMUN +R, TV STATE-IDE BUT UNCOMMON		504
OM REO TAI BUTED JAMAICE		NESTS USUALLY IN TREES BUT CAN NEST DN ROCK LEDGES		COMMON STATE HIDE TV AND SR.UNCDHHON WR STATE HIDE		504
OS RED SHOW RUTED LINEATU	ULUEMED MANN	NESTS IN TOLES 35 TO BO FEET UP	E T#U=TMIRU\$ U\$	CASUAL STATEMEDE TV.86 AND #6 SE QUARTER		504
FUTED PLATTPT		NESTS 12 TO 40 PEET UP IN THEES	E 1-0-THIRDS US	STATEHIOL IV. SR FORESTED AREAS ONLY		504
DOS SHAINSD BUTEC SHAIRSD		USUALLY NESTS 40+AD FEET UP IN THEE, CAN NEST UN GHUUND DR UN FACE UP CLIPP	wattus » Half US. Ca8ual I≈ t US	TV STATE-IDE MARE SM 15 PHAIMIES		>04
HUTER HUTER LAGOPUS		OCCURS DUBING SPRING AND FALL MIGRATIONS NEST STREAM LEDGES!N FOREST ATUNDMA	· httems hat Uho DE	COMPUN STATEMEDE TV.SV IN W THERO BUT HAME		504
FERRUGI AUTED REGALIS			Se US			504
CHAA24F		NESTS UN CLIFFS OR ELEVATED BANKS	SREEDS & MALF US ALSU NY, NM, AND NE, MINTERS LA, MS, AL, SC, AND N FL	SAME TO AND OV		504
10-14-CHAT		AND ANALYSIS SYSTE" (EHI		***************************************		D 071

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IO NH	COMMON NAME SCIENTIFIC NAMES	HABITAT	HANGE IN U.S.	HANGE IN STATE MINNESOTA	NUTES ON LOCAL POPULATION	SOUNCE COOL
		•				
0 1 2	BALD EAGLE MALIAETUB LEUCOCEP+ALUB	MEST IN PORESTED AREA IN THEE TOPS AND NEAR OPEN PATER	BREEDS NATION-10E HINTERS SAME ANEA	UNCOMMUN TY, SH N MALF . HR ALONG OPEN MATER OF MISSISSIPPI HIVER		504
0 A 1 3	MARSH HAMR CIRCUS CYANEUS	NESTS ON GROUND IN OPEN OR BUSHY MEADUR	BREED CA TO N TH TO OM TO VA NURTHWAND MINTERS ALL BUT SE US	COMMON STATEMIOE TV AND SR.UNCOMMON MR STATEMIOE		504
0414	OPREY Panoion maliaetus	NESTS FOR OLAD THEE NOT FAM FROM MATER SECOMING SCARCE	BREEDS GULF UP MEX. N TO N US	UNCOMMON -IGHANT		504
0415	GTRFALCON FALCO RUSTICOLUB	RAME N US! MUCKY CLIFFS AND MUUFFS	N US, MIGRATION AND MINTER	CASUAL WINTEH VISITOR STATE-106		>04
0 R I 7	PEREGRINE FALCON FALCO PEREGRINUS	NESTS ON SHELF OH RECESS OF MIGH CLIFF OR SLUFF	8+ US MID+EST, NE US TN HTS.	HARÉ PIGHANT Staté-IDE, FUM-EN COMMUN BR, NO- HANE C		504
0 4 1 4	PIGEON MANK ON MERLIN FALCU CULUMBARIUS	NESTS, MOLLON THEES UN CLIFFS, HIVEH BLUFFS	NE TU NOC US OINTEN SOL US	MARE WIGHTH!		>0+
0 = 1 =	AMERICAN KESTREL (SPANNU» MANK FALCO BPARVERIUS	NESTS IN MOLE IN TREE OR CAVITY	84115 4.5.C US -INTERS C.NE, S US	CO-MON PIGHANT STATE-IOE, BHEEDS STATE-IOE		>04
0#20	SPRUCE GROUSE CANACHITES CANACHISES	COMIF, FUMENTS	PH N PN TU NE US	PH ve, not		
						504
ENV 1	MONMENTAL RESOURCE TAVENTORY AN INFORMATION SUB-STUTEM DATE: 07/08/76 ZZEARISS			••••••	LOHPS OF	UISTHICT ENGINEERS
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44 5	SCIENTIFIC NAMES	HABITAT		-INNESOTA	LOCAL POPULATION	CUOE
HZ1 RUFFEO BUNASA UMMELLI		CIDHDOS #0008 COMMON RHFFDS IN DF-	PH N MALF US	PH STATEMIUL FORESTED AHEAS		
						504
GREATER TYMPANI CUPIND	PHAIRIE CHICREN	VIRGIN GRASSLANDS AND PRAIRIES, DECLINING LOSS OF	GREAT PLAINS FROM CO TO MI AND AR	PH NR, RAME NOC +# ++C, SH DECLINING		
		MABITAT				504
PEUIDEC		COMMON IN PHAIRLES	N# US 10 *1 \$ 10 NE	PH N 4480 N #+C		
	'ELLUS					504
PHASIAN CULCHI		NEST ON GHOUND BUSHY LOWLANDS AND DPEN HOODULANDS	NATION-IOE	PR STATERIOE		
						504
430 VINGIN: HALLUS LI-[CÚL		NESTS IN A MARSH ON SLUUGH	BREEDS CO TO N OR TO N AL TO NC NURTH-ORD MINIERS - EIGHTH US. SE QUARETER US	BHEEOS ST LUUIS		504
COMULIANO BURIANO BURI		NESTS IN MANSHES AND SLUNGHS NUMTHHARD, HINTERS S QUARTER US				
						504
456 TELLO+ CUTURN	COPS	HESTS IN MANSHES AND HET MEADONS BEVERAL	MA, -1, UM, AND CT,	HAME TY, SH COMMON		
+ UVE HO	*ACE ~515	INLMES ABOVE INF	LA TO FL	Altein Co.		504
	and the second second	AND DESCRIPTION OF THE PERSON				
Curorus 69051#1	'L &	NESTS IN MANSHES AND SHAMP LAKES,	EXCEPT NO GUANTER,	COMMON SH AND IV 5 HALF bincumeun n mali		504
IO-INFOR-FAL		440 44414212 24216- 1681			LEVELUPE (

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10	COMMON NAME SCIENTIFIC NAMES	MABITAT	HANGE IN II.S.	MANGE IN STATE MINNESOTA	HOTES ON	LOUE
••••	•*		*****************	********		
	SEMIRALMATEO PLOVEN CHANAORIUS SEMIRALMATUS	SRING AND PALL HIGRATION LARE SHORE WITH SANUY ON GRAVEL BEACHES		UNCOMBUN STATE-14E		504
442	PIPING PLOVER CMARADEJUS MELDOUS	NESTS IN SHALLOW DERRESSION, IN GRAVEL DR SANO, UN BEACH CH DRY UPLAND		HAME TO EXCEPT FUN UULITH MHENE UNCOMPUN.SH N MALF		>04
843	KILLOEEH CMAMADRIUS VUCIFLRUS	NESTS IN SHALLD+ DEPRESSION ON GROUND	SHEEDS WATTON-IDE.	SH, TV STATE-IDE, -R S THIRD		
						504
	AMERICAN GOLOEN PLCVFR PLUVIALIS DD-INICA	OCCUMB IN MIGRATION ALUNG COASTS	-INTERS LA ANO MS COASTS.	TY C AND - T-U- THINGS, CASUAL SV AC	- 4	504
665	BLACK MELLIED PLOVEH SUVATAPULA SHUATAPULA		NON-BHEEDING BIRDS NATIONNIDE IN BUMMEN -INTERS ALONG - GULF AND E COASTS	UNCOMPON STATE-FUE TV		504
446	RUGUY TURNSTONE AMENAHIA Interries	UCCURS IN HIGRATION	WINTERS E AND COASTS, ALSO GULF COAST	UNED MON STATE HILL TV		
						504
447	APENICAN HODENER PHILOHELA HINOR	NESTS UN GREUND UNDER ODUNEU THICKET NEAR RET LUOGAND	BHEEDS E MALF US	TV EC.C.NC, AND NE UNCOMMUN, ELSEMMENE MANE, SM NE, NC, L.EL, SE AND No		>04
445	CUMMON ("ILBON'S) SNIRF Carella Gallinago	NESTS ON HUMMOLK IN DRY GHASS IN A BUG ON SHAMP	BHEEDS ON TO VA NORTH-AND, -INTERS 5 1-0-THINDS US	STATE-INE TV AND		504

ENVIRONMENTAL MESQUACE INVENTORY AND ANALYSIS SYSTEM (EMIAS) BIU-INFORMATION SUR-SYSTEM MUN DAIF: 07/08/TO PRIMBISS

DEVELUPED BY: 81, PAUL UISTHILT LUMPS UP ENGINEERS 51, PAUL, HINN 55101

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ID NR	COMMON NAME SCIENTIFIC NAMES	найітат	HANGE IN U.S.	MANGE IN STATE MINNESOTA	NOTES UN	\$000 E
	LONG BILLEO CUPLE- Numerius Americanus	MESTS IN SLIGHT MOLLUM ON OPEN PRAIRIE NEAM MATER	BREEDS MT TO TH WEST BUT NUT INCLUDING M CUAST	CABUAL MIGHAIN		504
450	•MIMAHÉL	OCCURS SPRING	TV USUALLY ALDNG	TV,CASUAL		
	NUMENIUS PMAEDPUS	SUNTER AND FALL IN Hough Grass with Moss	E AND H COASTS	STATE-IDE. SV AT		504
	UPLAND BANNHIPER Bartramia Gertramia	NEST IN OPPHESSION ON GHOUND IN GRASS OF PHAIRIES OR AREA OF SOME HOODS	BREEUS OF TO MY TO MO TO VA MONTMMARO OTGRAFES EASTERN THOOTMIROS US	UNCOMOUN TO AND BH STATE-STATE STATE NC AND NE		>04
	SMOTTEN BANUPIPEH ACTIS MACULAPIA	NESTS IN DEFRESSION ON GHOUND USUALLY NEAR BEACHES OR SAND-BARS	BREEDS NUMPOEHN TOMEEOUDARTEMS US. OINTENS S UDARTEM US	COMMUN TY AND SH STATE-100E		>04
	SULITARY BANDPIPEH Thinga BULITARIA	EGGS LAID DESENTED TREE-MESTS OF OTHER BIRDS	CENTHAL UNITED STATES TO PENNSYLVA- NIA	UNCOMPUN MIGRANT VERY RANE SH E-C		504
	GMEATEP YELLO-LEGS TUNTANUS -ELANULEUCUS	NESTS MUSKEG, TUNDHA Summen Hansmes in Hinten	MIGRATES NUMINERN US TO EAST CRAST, GULF LOAST	UNCOMPUN MIGHANT STATE-IUE		>04
	LESSER YELLUHLEGS TUTANUS FLAVIPES	MUD FLATS, SMALLOW PONUS OUNING Mighation	SV N US, MR GULF STATES.TV E MALF US	STATEWIDE		504
	REO KWOI Calingis Carumius	COMMON ALDNG SANDY S-ORES, MUCHS, Mijoflats	FIGNANT C.ALUNG COASTS US, EINTERS S CA, GULF COAST, E US MA TU FL	MANE TV STATEMINE		504
10-I	ON-EVTAL WESQUICE INVENTOR WFORMATION SUB-SYSTEM AIF: 07/08/76 22:48:55	V ANI) ANALYSIS SYSTE" (ER	[48]	••••••••••	OEVELUPEU ST. PAUL CUMPS UP	DISTRICT

OLVELUPEU BY: ST. PAUL DISTRICT CUMPS OF ENGINEERS ST. PAUL, MING 55101

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10	COMMON NAME	HABITAT	HANGE IN U.S.	HANGE IN STATE	NOTES UN	
NR	SCIENTIFIC NAMES		•••••	MINNESOTA	LOCAL POPULATION	3003
	PECTONAL BANOPIPER EMOLIA	UNCOMMON IN GRASSY Marsmes, met fillus	MIGHATES C US SPHING ALONG & COAST FALL	COMMON TO STATEMICE, UNCOMMON		
	HELANOTOS		100000000000000000000000000000000000000	BR N MALF		
						>04
459	MITE-RUMPEO SANOPIPER	UNCOMPON, MUD FLATS	HIGRATES NOC US. 8	UNCORMON SPHING TV		
	EMOLIA FUSCICOLLIS	SANOY SEACHES	ALONG & COAST			
						504
	RAIRDES SANDPIPEM EROLIA	UNCOMMON SHURT GRASS MARSMES, ON SHORES	MIGRATES C US, MONE SCARCE ON EAST COAST			
	841P011	HUDFLATS		0.1.12-102		
						504
64 1	LEAST SANOPIPER	SALT MARSHES, MODOY	TV NATIONNIDE, HR SE	COMMON TV		
	EMOLIA	SHURES OF RIVER		STATE - I OL , EXCEPT		
	MINUTILLA	ESTUANTES		UNCOMMON SPRING NOC		504
	DUNLIN	COMMON ALONG CUASTS WINTER	TV E MALF US. MINTEMS COASTS. GULF COAST	CUMMON TV STATERIDE, ABUNDANT N		
	ALPINA	434164	COTOTO COLOT	SMORE LAKE SUPERIOR		
				AT TIMES		504
160	SMORT-SILLED OD-ITCHEM	COMMON ALONG COASTS.	-INTERS & US. HIGHANT	HARE TY STATE-IDE		
	LIMACORUMUS Griseus	SMALL PONOS. OH LAKES	- COAST, - MISS.			
	• • • • • • • • • • • • • • • • • • • •	G	1466			504
	LUNG-BILLED OU-ITCHER LIMNOPRUMUS	COMMON ON MUO PLATS Smallom Ponus	FE- SV LA, TX.LAINTER S US CA TO TX	STATEBIOL RAME NOC		
	SCOLOPACEUS		MIGHATES THRU MEST	NE		504
						,,,,
	SEMIPALMATED SANDFIPER	ARUNDANT UN FRESH,	MIGHATES E THO	COMMON TV		
	EREUNETES PUSILLUS	BALT MATER	THIROS US INTERS SE	STATE-IDE AMUNDANT		
				-		504
	00000000000000000000000000000000000000					
	ONMENTAL RESOURCE INVENTOR	. TO THE AZIS SASLE. (FRI	••)		06 V E L UPE U	
UN 6	ATEL 07/09/74 22148145				LONPS UP ST. PAUL,	tablatens

NP	COMMON NAME SCIENTIFIC NAMES	MABITAT	RANGE IN U.S.	PANGE IN STATE MINNESDTA	NOTES ON LOCAL POPULATION	SOUNCE COOL
467	HESTERN BANDPIPER EMEUNETES MAURI	COMMON ON BANDBANS Muoflats	TV TEAR MOUND & MALF US,FALL TV R MALF US MINIER & COAST, GULF, SE COAST US	S MALF.RANE TO		504
4.8	BUFF-WRESTED SAMPPIPER Tryngites Subhuficollts	RAME IN SMOHT GRASS MASITATS	HIGPATES THPU C US	SPRING PARE TV - CASUAL ELSEWHERE UNCOMMON PALL NE		504
470	MUDSONTAN GODNIT Limosa Maemastica	UNCOMMON IN MARSHES, MEADOMS, SMURES AND MUDFLATS		UNCOMMON TV WORAKE TV C.E.FALL CABUAL TV STATERIOE		504
472	SANDERLING CMDCETHIA ALBA	COMMON ALONG SANUV BEACHES AT WATERS LOGE	MIGRATES ENTIRE US	COMMUN TY E MALP		504
475	HED PHALAMORF PHALAMOPUS FULICARIUS	UNCOMMON ALUNG COAST	WIGHATES ALONG US CDASTS, RAME INTENTUR US	EXTHEMELY RANG TV		504
477	NURTHEPH PHALARUPE Lugipes Lugatus	UNCOMMON TO RAME INLAND AT BMALL GRASSY PONDS DR HET MEADOWS	TV NW UNE THIRD US	COMMON TV SM. NC UNCOMMON ELSEMMERE		504
478	PUMANIME JAEGEM STERCURARIUS PUMANIMUS	MAME TY INLAND TO Mississippi Niven, Lake Buptalun & Yeny Lange Lakes	TV US COASTS	MANE TV FALL NE		504
479	PANASITIC JAEGER SIERCORARIUS PANASITICUS	MANE TV THEARD AT URY SPOTS IN SHAMPS	TV F, - CUASTS, SMEAT LARES	VENY MARE TV NE LASUAL SPHING NE		504
10-	RONMENTAL MESTURCE THVENTOR' IMPORMATION BUB-SYSTEM DATE: 07/09/76 22:44:53	r and amalysts system (emi	4\$)	••••••••	DEVELUPED ST. PAUL CUMPS OP	DISTRICT

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10	COMMON NAME SCIENTIFIC NAMES	HABITAT	RANGE IN U.S.	RANGE IN STATE MINNESOTA LUC	NOTES UN SOUNCE AL POPULATION CODE
) 4 5 n	LUNG-TAILED JAEGER STERCORARIVS LUNGICAUDUS	VERY RARE CUASTS AND INLAND	TV E N COASTS, GREAT LANES	EXTREMLY RARE STATEMIDE	
					504
481	GLAUCOUS GULL LAMUS MTPEMBOMEUS	UNCOMMUN: VISITS BEACHES ON SMALL ISLETS OF A PONO	PINTERS NE COAST FEN GREAT LAKES	Casual Elbenmere	
					504
482	ICELANO GULL LARUS GLAUCOIDES	UNCOMMONORAME GREAT LAKES: MIGH ROCKY CLIFFE OR LOW SANDY SMURES	WINTER NE GOAST, GREAT LAKES	VERY RARE TV NE	504
484	HERRING GULL LARUS ANGENTATUS	ABUNGANT ALONG COASTS COMMUN LAKES AND RIVERS SPECIALLY WITH ISLANDS	TV ENTINE US. DINTERS US CUASTS GREAT LAKES, LARGE RIVERS, LAKES	STATE+IOE	504
485	RING-BILLED GULL	COMMON, SH NH	TV NATIONNIDE	COMMON TV	
	DFFT=THEN2IS FTMCR	WINTERS NE, LOASTS, GREAT LAKESIGRUUND NESTS OF WEEDS		STATE#10E	504
486	PHANKLIN'S GULL LARUS	CONMON ON PRAIRIES	SR BU MN PRAIRIES OR GULF CHAST	SPHING, COMMON TV No, So, SR Sn, SV Sn L,	
	PIPIXCAN				504
487	AUNAPARTE'S GULL LAHUS PHILAUFLPHIA	COMMON ON CUASTS AND LAKEE LARES SINTER COLONY NESTS, 4020 FT IN EVERGREENS	TV E THO THIRD US HM COASTS US	COMMON TY C.N, UNCOMMUN PRAIMITS, SE RAME SY N MALF LAWGE LAWFS	504
		,			
441	FURSTERS TERN STECARIUS SURSTERI	NESTS ON DED MUSERAT MOUSES OR PLOATING UEBRIS	BREEDS VM QUANTER TO NORTH-CENTHAL US PLUS TI, LA, VA, MO, NINTERS & US	COMMUN TY AND SH IN R AND CHREST UP MISSISSIPPI RIVEN REST, HARE	504
	ROMMENTAL RESOURCE INVENTOR		45)		DE VELUPEO BY I
10-	INFORMATION SUS-SYSTEM				ST, PAUL UISTHICT CORPS OF ENGINEERS
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ID	COMMON NAME BCIENTIFIC NAMES	MABITAT	RANGE IN U.S.	HANGE IN STATE	NUTES UN LOCAL PURULATION	BOUNCE
••••	••••••	• • • • • • • • • • • • • • • • • • • •		••••••		•••••••
0445	CUMMON TERN STERN'S TERN MIRUNGO	NESTS IN COLDNIES IN DEPRESSIONS ON SANUY SEACHES OF SMALL NOCKY ISLANDS		TV COMMON & MALF UNCOMMUN N MALF SREEDS NC AND NE, SV ELSEMMERE		>04
0895	CASPIAN TEHN MYOROPROGNE CASPIA		MHEEDS = THIHO US AND HI TO PA, VA, SC, LA, S TX, HINTERS SH AND GULF COAST	STATEWIDE TY, RANE SV FROM WRIGHT TO ROSEAU COUNTIES NORTHEAST		>04
	BLACK TERM CMLZOOMIAS WIGHA	NESTS IN MANSH OR SLOUGH AND UN FLOATING DEBRIS OR HUSKRAT HOUSES	BREEDS N THREE GUARTERS US PLUS SH	TV STATEMIOL EXCEPT NE		504
0847	OUVERIE RLAUTUS ALLE	FALL OURING HIGHATIONT NOCKY CLIFFS WITH RANK GRASS	MINTERS ALONG N THIRD E COAST	ACCIDENTAL N THIND		>0 <i>e</i>
	ANCIENT MUNNELET STNTMLIBORAMPHUS ANTIQUIM	OCCURS FALL AND WINTER ALONG CLIFFS	HINTERS & COAST	ACCIDENTAL PALL AND WINTEN CHOO HING MCLEUD, AND ITABCA COUNTIES		>04
0899	BANG TAILED PIGEON CULUMBA FASCIATAIATA	NESTS IN UAR DR PINE HODOS	BREEDS MAJOR, CAJUT, AND CO, PINTERS AZ, NM AND 8 CA	ACCIDENTAL CENTHAL		>04
	FIAIV CAFAMAV BACK PUAE	NESTS ON MUSICINGS	401-401 TAP	THROUGHOUT INMAMITED PARTS		>04
0501	MUURMING DOVE ZENAIOUNA MACROUNA	NESTS IN LUMEN LIMBS UF THEES	MATIONHIDE	SH AND TV STATE-IDE EXCEPT NE CORNER, OH B MALF,		504

ENVIRONMENTAL RESOURCE TAVENTORY AND ANALYSIS SYSTEM (EMIAS) SID-INFOOMMATION SUB-SYSTEM RUN DATE: 07/08/76 22:48:53 UEVELUPED BY: ST. PAUL DISTRICT LONDS OF ENGINEERS ST. PAUL, MINN 55101

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ID NA	COMMON NAME SCIENTIFIC NAMES	MABITAT	RANGE IN U.S.	MINNESOIA	NOIES ON LUCAL MUMULATION	COOF
CUC	LLOM BILLED CUCARO CVZUS RICANIS	MESTS TODOTHREE FEET FRUM GROUND IN TANGERU UMDENGHOOTH OR LOOER LIMES	SREEDS OR TO MN TO ME SOUTHWAFD	STATE-IOE SH.TV. BUT LESS COMMON IN NE.		504
COC	CK 911LED CUCHOU CCY1US THMOPTHALMUS	NESTS 2-5 FEET FROM GROUND 1N TANGLED UNDENGROOTH UR LIMBS OF THEES	BREEDS MT TO MY TO BC WORTHWARD	STATE-IDE SR,TV.		504
906 SC4		NESTS IN TREE CAVITY OR MESTING SOX	HEBIDENT VATIONHIDE	PR STATE-10t Except Ne,NC.		504
948	EAT HONNED DOL Bu Reinanus	MESTS IN TREE MOLLUM ON OLD MAME ON CROM NESTS	BHEEDS NATIONALUE	STATE=10E PH		509
	JRV ORL JEA Notaca	MONE -OGORO ANEAS RAINEN THAN OPEN COUNTRY, FALL, -INTEN AND SPHING	-INTERS NO, MN, NY, OCCASIUNALLY TO N T-U-THIRDS US PLUS IX, CA, LA, GA	UNCUMMUN OV, IV STATE-IDE, MURE NUMEROUS IN NORTH		504
509 HA: SUI ULI	PNIA	NESTS IN THEE LAVITY UM IN SRANCHES	SHEEDS N PH TO HI HINTERS N IMIND US	HANE TV, NV N MALE		50 8
511 NA		PH SMAHPS HIVER Sottums	E THO THINGS US	PH STATE-IDE		304
811	LAT GRAY DOL Rix Aulosa	MANE IN PINE, SPRUCE FONESTS	PR No TO -N US	HANE OF W MALF BINTER UNCOMMON S MALF.CASUAL SH EXIMEMS NO		504

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ST. PAUL, MINN 55101

NR	COMMON NAME SCIENTIFIC NAMES			HINNESOTA	LOCAL PUPULATION	COUR
	LUNG-LAMED OWL ABIO Ofus	CONTREBOUS HOODS NEAR OPEN COUNTRY	WE S MALP US, PH N HALP US, SREEUS NE US	RAME TV STATE-IDE, REGULAR BUT RARE S MALF, SUMMER HESIDENT STATE-IDE		504
	BMORT-EAREO O-L Abio Flammfus	COUNTRY OVER PLAINS	my 8 THO THIRDS US PR N ONE THIRD US, SH N MICHEST TO NE US			500
	BUREAL UOL Atgolius Funereus	N DECIDUOUS AND CONIFEROUS FORESTS	on N togE us	VERV HARE BY N CASUAL C, ACCIDENTAL S		
						500
	SAMENHET ONL AEGOLIUS ACAUICUS	COMMON, ROUSIS OF MSE YOUNG EVERGREEMS, THICKETS	HR.S MALF USIPRIN	RANE TV STATE=10E		504
	Ancies Andreas	COMMON ROOST IN	E MALF US,SH US WINTER SE,GULF COAST	STATE=10E BUT HARE STATE=10E BUT HARE NE		500
	PUORILL PMALAENOPTILUS	COMMON ROUST IN #0008	E MALF US EXCEPT NC PR SE-	ACCIOENTALC E EOGE UF WANGE		
	NUTTALLII					54
	COMMON NIGHTMA-R		COMMON SH NATIONALUE	COMMON TH		
	CHOROEILES HINUR		4004 94 4411044104	STATE HIOE. SH STATE HIDE		
	7.44			0.2127402		50
	CMIMMEY SHIFT	COMMUN FYERWHERE; BHEEDS IN CMITNEYS	TV, SR & HALF US.	COMMON TY, SH STATE HIDE		
	PELAGICA					>0
	CHOERTAL RESOURCE INVENTOR	V AND ANALYSIS SYSIFM (EW)	48)		OF VELUI	PED 841
I-U	NFORMATION SUM-SYSTEM A[E: 07/05/76 22:48:55				ST. PAG	UL UISTRICT DP ENGINEERS

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IO	COMMON NAME SCIENTIFIC NAMES	MAUITAT	RANGE IN U.S.	MANGE IN STATE	LOCAL PUPULATION	SOURC
••••	•••••••••					• • • • • • • • • • • • • • • • • • • •
522	RUBY-THRUATED HUMMINGSTHD AHCMILDCMUS CULUFRIS	COMMON, NEAR TUBULAN FLOWERS, GARGENS, NOOOS	TV BR E HALF US	COMMON TY, SH STATE-IUL		504
523	BELTED KINGFISMER MEGACERYLE ALCYIN	AND PONDS STREAMS	HR H CUAST, SH, SE, TV SH, PR H COAST SE MALF	COMMON TY SH STATEWIDE, UNCOMMUN WY, WR S MALF		
						504
520	CUMMONITELLOMESMAFTED) PLICKER CULARTES AURATUS	COMMON IN OPEN COUNTRY NEAR LARGE TREES	RH NATIONWIDE EXCEPT SR NE EUGE, NH SC	COPMON TV SH STATE=IDE,UNCOMMUN S MALF,RARE N MALF NK		
						504
252	#ILEATED >CODRECKER #ILEATES #ILEATES	UNCOMMON IN EXTENSIVE DECIDUOUS OR MIXED FORESTS	PR VA CORNER, E MALF UB	PR STATE = TOE , RARE 8 MALF		
		on which tours !				504
524	REDWHELLIED WORDRECKER CENTURUS CARDLINUS	COMMON IN HODOLANDS	E MALF US, EXCEPT N EOGE	PR SR UTR, CASUAL TV, DV ELSEWMENE		
						501
1521	REDWHEADED WOUDPECKEN MELANERPES EKYTHROCEPHALUS	DECIDUOUS HOODS	PR SE US NH IO IA. SH NE, MID-NEST TO ID	COMMON IV STATEWIDE, MARE N HS STATEWIDE MANE N		
	• • • • • • • • • • • • • • • • • • • •					500
52*	VELLUM-SELLIED SAPSUCKEM SPMYMARICUS VARIUS	CUMMON IN MODOS AND	SR N MN S TO MU,IN,N UM,AND PE US, RN NI, MI AND S NE US TU GULF STATES	HEGULAH TV.SR Casual HH S Malf		50
530	HAIRY BOODRECKEH	MESIS IN DECIDUOUS	PR NATION-IDE	COMMON RH		
	DEMORUCOPUS VILLOSUS	MOLE IN DEAD OR LIVING THEE		STATE=10t		50

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I G	COMMON NAME SCIENTIFIC NAMES	MABITAT	RANGE IN U.S.	MANUE IN STATE	NOTES ON LOCAL MOPULATION	CORF
	OJ-NY -UODRECKEN DENOROCUPOS Pubescens	NESTS IN DEAD OR LIVING TREES IN WOUDS, DRCMARDS, SUBUMPS ETC.	PR NATION-LOE EXCEPT 8- TH.8 NF, AND 3 AZ	STATEMION PR		504
532	BLACK-MACRED 3 1060 -U00PECRE PICOIDES ARCTICUS	R NESTS IN CONIFEROUS FOREST IN OEAD OR LIVING THEES, USUALLY LIVING	MN TO N MI TO NH TO			50 9
533	NUNTHERN 3 TOEO POOUPECRER PECOIDES THIOACTYLUS	NESTS IN DEAD OR LIVING TREES UF CONTFEROUS FORESTS	PR RDCRY MOUTAINS N AZ, N NM NORTHHARD, ALSO N MN AND NY NORTHEASTHARD	NAME OF AND BY IN N CONTREROUS FORESTS		504
	EASTERN KINGRIND TYRANNUS TTRANNS.	NESTS OPEN TO SEMI- OPEN COUNTRY, USUALLY ON MORIZONTAL LINS OF TREE		COMMUN SR.TV STATE+10t		504
535	MESTERN KINGRIND TTRANNUS MERTICALIS	NESTS UPEN TO SEMI- OPEN COUNTHY.USUALLY ON HORIZONTAL LIMM OF IMEL	SHEEOS = MALF US	TV STATERIOE BUT UNCOMPON SH # HALF		504
536	SCISSOR-TAILED FLYCATCHER MUSCIVONS FURFICATA	UCCURS FALL AND SUMMER IN OPEN COUNTRY	BREEDS NM TO NE TO LA SOUTPHANO	CASUAL STATEMIDE		504
537	GHEAT CHESTED FLYCATCHEM HYLARCHUS CHINITUS	NESTS IN CAVITY IN DEAD LIMS OF THEE OR ROTTEN STUS AS IN HIVEM VALLEYS		STATEBIOE TY, SH		504
534	EASTERN PHOLRE SAYORNIS PHOERE	HESTS OLD BUILDINGS, UNDER EVES, UNDER BRIDGES ETC.	URLEUS N NN TO E COAST NORTHWAND NINTERS SOUTH UF INIS AMEA	STATEMION SH,TV		>04

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I D	SCIENTIFIC NAMES	HABITA1	HANGE IN U.S.	MANGE IN STATE MINNESDTA	MOTES ON LUCAL POPULATION	CODE
540	TELLO- BELLIEO FLYCATINER EMBIDUNAX FLAVIVENTHIS	NESTS DN GRUUND IN A MDSSY MUMMOCK OR MOSS COVEMED RUDTS	BREEUS N NO,N MN.N MI,NE PA,AND NY	UNCUMMUN STATERIDE TV.BR NE.NC.		
						504
5#2	+ILLC+ FLYCATCHER (TRAILL'S) EMPIDONAX THAILLII	NESTS IN OPEN TO SEMINOPEN COUNTRY	SREEDS E =1 TO OR TO VI NORTHEAND	IN 8 AND - IN MORE UPEN COUNTRY		
						50#
5 R 3	ALDER FLYCATCHEH (TRAILL'S) EMPIODNAX ALNORUM	NESTS IN SOREAL FOREST	BREEDS # HALF US	SR 1% BOREAL FORESTS STATE=1DE		
						504
5 u =	LEAST FLYCATCHER EMPIDDHAX Hinimus	NESTS IN SCHUB GRUNTH, NDOD MANGINS ON LIMB UM CROTCH UP	BHELDS PT TO OT TO	STATE-DE SR TV		
	11-109	TREE				504
5#5	EASTERN MOND PENCE CUNTOPUS VIRENS	MESTS IN DECIDUOUS ON MIXED HOODS ON HURIZONTAL LIMB,, UFTEN DEAD	BREEDS E HALF US,	STATERIOE SHATY		504
5 04	OLIVE SIDED FLYCATCHER	NESTS IN A	BREEDS = THIRD US,	STATE-IOL IV		
,	AUTTALLORNIS SUREALIS	CONTREMDUS FOREST USUALLY FAR DUT ON BRANCH	N MALF US	BR NE . NC		504
5 = 7	EMENCOMILA MURNEO LAMK	COMMON IN SEMI-OPEN- OPEN FIELDS	PH NATION-IDE EXCEPT LA TO GA S	TV STATE FIDE. SR STATE FIDE EXCEPT NE.NC.NK S TRUSTRIK)	
	46-631414					504
5=9	THEE SHALLOW INIDOPROENE SICULOR	NESTS IN MOLE IN THEE, PENCE, HOTTEN STUB, FTC.	MREEUS N THO-THIROS US, HINTERS E COAST AND S QUANTER US	COMMON SH, TV STATE NIDE		
						504
V 1	IDMENTAL RESDURCE INVENTINY A INFORMATION SUS-SYSTEM PATES OFFINITE PRIMESS		45)		DEVELUPE 51. PAUL	PAPINETA PRAINICI

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10	COMMON NAME SCIENTIFIC NAMES	мавітат	MANGE IN U.S.	MINNESOTA LOCAL	NOTES ON SOUNCE L POPULATION CUCE
0549	SANK SWALLOW Ripakia Ripakia	WMON NEAR STEEP RIVER BANKS, GRAVEL PITS	TV THRU S US. BREEOS No US TO TX. NE US TO TX. ACROSS N US		5 04
0550	ROUGHINGEO 3-ALLO- STELGIOUPTERYE RUFICULLIS	Park Ob Birfu Ou Park Ob Birfu vést maifu vést On Compon Especially	SR ENTIRE US	COMMON TV NO,C,S, SH 3,C	504
0551	RARN SHALLO- HIRUNGO RUSTICA	COMMON WEAR FAHMS, BUILDINGS	SH ENTIRE US EXCEPT IV SE TX TU FL	COMMON SR, TV STATE # IDE	50 w
0553	PURPLE MANTIN PMOGNE SUBIS	COMMON IF NEST BOX PROVIDED	SR & THO THIMOS US AND EXTREME H COAST, TV SHC		504
055=	Cawadewale Seriechene Cara Tracom Crwediew)	COMMON N CONIFEROUS FORESTS	PR NN US, SE TO NH, «H N EOGE US	PR NE, N=C, TV UNCOMMON C, E=C	504
0959	SLUE JAY CYANOCITTA CHISTATA	POODS COMMON DAK, PINE	PR & T+0 THIRDS US	COMMON PH.TV STATE-106	504
0550	MLACK-MILLED MAGPI (A-twican) PICA PICA	COMMON OPEN COUNTRY OF	Pu No Ub.ak MIGOAEST	COMMUN FALL TV No NoC.RARE SR . EOUE	504
0557	Chand atte	COMMON IN MERVY	PH # ONE 1MINO US,NE 10 N=C EUGE US	UMCOHMON TO CUMMUN TV N MALF, RARE 3,5H N=C,, NE	504
#10 ·	NOMENTAL RESOUNCE INVENTORY AND APPRICATION SUB-SYSTEM OF 107/18/76 22148153	R3) #31872 EIGYJANA D	148)		UEVELUPEU BY: 31, PAUL UIBINICT LUMPS OF ENGINEEMS ST, PAUL, PINN 55101

	COMMON NAME BCIENTIFIC NAMES	HABITAT	RANGE IN U.S.		NOTES ON LOCAL POPULATION	CONF
	•••••••••			•••••••••		••••••
55A	CUMMON CRO- CURVUS RRACHYRHYNCHOS	COMMUN EVERTWHERE AS **ODDLOTS NEAR CROPS & STREAMS	PR NATION-10E EXCEPT SR & EDGE OF NM, NR SE			504
559	CLARK'S NUTCHACKER NUCIFRAGA CULUMBIANA	COMMUN IN CONIFERS NEAP TIMBERLINE	PR . ONE THIRD, WY E OF THIS AREA	HAME FALL TV. VERY RARE OR E-C		
						>04
560	SLACK-CAPPED CHICKAULL PARUS afficapillus	COMMON MOUDED AREAS	PH N MALF US, OH S EDGE UP THIS REGION	COMMON PR STATE-FIDE, TV FALL NE		504
561	SUREAL CHICKADEE PAHUS HUDSONICUS	COMMON CONSPERGUS FORESTS	PR N EDGE NM, N EDGE MIDOGEST TO MN AR NE CURNER	PR, ov Nt, NoC		504
						304
502	TUFTED TITMOUSE PARUS SICOLOR	COMMON DECITUOUS MODOLANOS INCLUDING RIVER VALLEYS	SE US, IA TO TX, IA TO	RR SE, NOC, CASUAL OINTER TV STATE-108		
						504
563	-MITE-RREASTED NUTHATCH	COMMUN DECIDEOUS	RR NATION+IDE EXCEPT DARUTAS S TO TH	PR STATEMIDE, AV NE		
	CARDLINENSIS					504
564	RED-RREASTED NUTHATCH SITTA	COMMON IN CONTERS	PR # ONE THIND, NE, N EDGE US, OH ENTIRE US			
	CAMADENSIS					504
565	HADON CREEPER CERTHIA PAMILIANIS	COMMON IN +UGOLANOS	PR Sm UNE THIRD N TO DR,N MIDOR,NE CONNER AR S FUURAFIFTHS US. SR N EDGE US	STATE-IDE V S T-U		>04
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10.	ICOMENTAL RESDURCE INVENTORY INFORMATION SUB-SYSTEM PATES 07/08/76 ZZER0855	etaja etaic- (ER)			ST. PAUL CUMRS UP	

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IO NR	COMMON NAME SCIENTIFIC NAMES	MABITAT	RANGE IN U.S.	MANGE IN STATE MINNESOTA	NDIES DN LUCAL POPULATION	\$0 UM (C 0 U I
	SE -MEN Glodytes Un	COMMON IN SMRUBSERY AND BRUSH	SR N T+D THIRDS, MR S EDGE US	COMMON SHATV STATEWIOL		504
8.6 albi	TEH AHEN	BRUSH PILES, THICK	AR No FURNA SO No	UNESTRUCK TO		30.
THO	GLOOVIES	UNDERGROATH IN MOIST FORESTS:SMRUCESCEDAR BOG, DENSE PINE		UNCOMMON TV STATE-IDE		500
TEL	G STLLED MARSH WREN MATODYTES UBTPIS	NESTS IN REEDS OR CATTAILS OVER MATER	BREEDS NATIONNIOE MINTERS & EIGHTH US PLUS & MUCKY MOUNTAINS	COMMON TY, SH STATEMIOU EXCLUT NE AND NC MMERE HARE		50
CIS	RT HILLED MANSH HREN Tothorus Tensii	NESTS IN DAMP MEADONS A PER INCMES OVER RATER	BREEDS WE HALF US MINTERS IX TO VA SOUTHHARD, PLUS ATLANTIC CUAST	COMMON SH, IV STATE-IDE EXCEPT NE WHERE UNCOMMON		500
HIMI	AZINGBIND ne Bingbind	NESTS IN HUSHES OR TREES IN SEMI OPEN AREAS	BREEDS C CA 10 MEMRASHA TO 8 80 EAST TO EAST COAST SOUTHEAHU	RARE BY STATE-10E RARE BR STATE-10E EXCEPT SR RARE -V IN E AND C		\$0
000	Y CATRIRO ETELLA OLIMENSIS	NESTS IN SUSMES UP VINE TANGLES NEAR GROUND TO TEN FEET UP	BATEOS MA TO NM TO TX TO GA NORTHMAND MINTERS TX TO VA SCUTMANU	COMMON TV.SH STATE-IDE BUT RAME IN N FORESTS, -V BUT MARE		50
	OF THYPEHER OF THYPEHER OF	NESTS IN THICK BUSMES SMALL TREES ON TANGLED VINES	BREEDS MT TO CO TO THE EASTWARD, NINTERS SE MALF US	COMMON TV, SH STATE-TOE EXCEPT UENSE MIXED CUNIFER HOUDS, HP		50
TUR	HICAN HORIN OUS RATORIUS	NESTS IN MODULAND, PARNS, URCHANDS AND CITTES IN THEES	BUTEOS NATIONAIDE, -INTERS S TACOTMIRUS PLUS NE ANU NA	ABUNDANT TV, SM STATEMIDE, MANE TO UNCOMMUN OR STATEMIDE		Su
MV IRDNM		AND ANALYSIS SYSTEM (EF)			DEVELO	PEO BYT UL UISTHICT OF ENGINEERS

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Barris Millerich Breite de geograf (2007 to 1970)

BIROS CF	THE	MISSISSIPPI	RIVER	MEADOATERS	REGION

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IO NR	COMMON NAME SCIENTIFIC NAMES	HABITAT	HANGE IN U.S.	HANGE IN STATE MINNESOTA	NOTES UN Local Modulation	\$004CE
0578	VARIED THRUSH IXARPUS WAEVIUS	MOIST CONIFER -000S APPARENTLY EXTENDING ITS MINTER HANGE EASTHARD		REGULAR BUT RANE NV STATERIOE, BUT MORE CUMMUN NEAR CITIES		504
0579	HOOO THRUSH MILDCICHLA HUSIELINA	NESTS IN CROTCH OF SMALL TREE	BREEOS E MALF US	UNCOMMON TY BR EXCEPT CONTPEROUS FORESTS IN N		509
						204
0580	HERMIT THMUSH HTLOCICHLA GUTTATA	MESTS USUALLY ON GRUUNO IN MUIST #0008	BREEDS & THIRO US PLUS TX, W GUARTEN US WINTERS & COAST, S THIRO US,	STATE FIDE TV, SR NE AND NC		504
561	SHAINSONS (OLIVERHACHFO) THHUSH HYLOCICHLA UDTULATA	NESTS IN SMALL THEE OR HUSMES IN EVERGMEEN FURESTS	BREEDS N EIGHTH US PLUS HOCKY HOUNTAINS HIGRATES NATION-IDE	STATERIOE TV SR NE ANU NC		504
0542	GRAY-CHEERFD THRUSH HTLUCICHLA HINIMA	SPRUCE AND TAMARACK PORESTS:ALSU STREAM- SIDE GROVES OF ALDEN -ILLON & HINCH	E TRO-THIRDS US	UNCOMMON TY STATERIOL		504
0563	VEERV HYLOCICHLA FUSCESCENS	NESTS ON OR NEAR GROUND IN MUIST OFCIGUOUS NUCDS	SOUTHWARD AND OR TO NO TO BO TO IN TO UN NORTHWARD	UNCOMMON TV.5R STATE=10E		504
0984	EASTERN RLUEBING SIALIA SIALIA	NESTS UNCHANOS, FARMYAROS, IN CAVITY IN THEE, FENCE POST ETC.	BHEEDS E TROOTHINDS USFR E SD TU EAST COAST SOUTHWARD	TV STATE-IOE, SH STATE-IOE WHERE MABITAT PRESENT, MANG OR SE		504
0565	COMMICUIUFS SIATIA AGENTAIN PEOEBIND	NESTS IN MOUNTAINUUS AREAS, SEMI-UPEN AND IN CAVITIES		CASUAL TY AND MY		504

ENGLEDNMENTAL RESOURCE INVENTORY AND ANALYSIS SYSTEM (FRIAS)
STUDINFORMATION SUB-SYSTEM
RUN DATE: 07/08/76 22:48:53

DEVELUPED BY:
ST, PAUL DISTRICT
COMPS OF ENGINEERS
ST, PAUL, MINN 35101

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ID NR	COMMON NAME SCIENTIFIC NAMES	MABITAT	RANGE IN U.S.	RANGE IN STATE	NUTES ON LULAL POPULATION	SDU#CŁ CDUE
986	TU-NBENDS SULITAIRE MYADESTES TU-NSENDI	NESTS IN CONIFERDUS FDRESTS, "INTERS IN WOODS DR SMRURS, ALSO RIVEN VALLEYS	HR BAME AMEA	CASUAL TV, RV STATERION BUT HOSTLY IN 8 HALF		504
587	BLUE-GRAY GNATCATCHER PULIOPTILA EMRERULEA	HESTS IN TREES IN	BHEEUS CA TO NH TO C MN TU NY SOUTHWAND	SR TV SDUTHEAST		504
588	SULDEN CROMMED KINGLET REGULUS STRAPA	NESTS IN CONIFEROUS FOREST IN A TREE	BREEOS HUCKY MOUNTAINS,C MN TO NA NORTHWAND, MINTERS S THREE-QUARTENS	BR NE MALP, NY RAME N		504
584	RURY-CRUWNED KINGLET REGULUS CALENQUILA	COMMON IN CONIFERS	PR W CUAST, UT, CO. SR UT, CO N TO DR, TV N MALF US			504
590	HATER PIPIT ANTHUS SPINDLETTA	COMMON MUDOT SMORES Plumed Fields	SR NH US, WR NH US TO SH US ACROSS S EOGE US N TO VA			304
591	SPHAGUE'S PIPIT Anthus Spragufii	UNCOMMUN IN TALL GRASS	SR N MIDON, TY N TO 8 MIDON N S MIDON	RAME TU CUMPUN TV STATEMIDE, av RAME NE SW. RARE SH NG		>04
592	HUMENIAN WAXOING BUMBYCILLA GARHINLA	COMMON IN BERRYOBEAM	PR N= COMNER, NR No GTH US, IMMEGULAR E TO GHEAT LAKES S= TO NR TX	HEGULAR N ev, ALSO HAME STATE=10E, =AME SR N=C		504
593	CEDRORUM CEDRORUM	COMMON IN BERNY-SEAR THEES AND SMRUBS	SH ND MY TO ME, NO 8 TO MS, E TO M GA, WH E US			504

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10 NR	COMMON NAME SCIENTIFIC NAMES	HABITAT	RANGE IN U.S.	RANGE IN BIATE MINNEBOTA	NUTES ON LOCAL POPULATION	800M 000
	NURTHERN SHRIKE LANJUS EXCUBITOR	RARE ON TREE TOPS, POLES OPEN COUNTRY	IRHEGULAR MY NORTH STATES	UNCOMMON RV,TV STATEDIDE		
						50
	LUDGERMEAD SHRIKE Lanius Ludovicianus	NAME UN TREE TOPS Poles.OPEN Country	PH 8 THO THINDS US SR N THIRO US	UNCOMMUN TV STATE-10t, SR STATE-10E, FE-ER NE, NoC		50
	STARLING STURNUS VULGARIS	ASUNGANT CITY PARKS SUBURSS, FARMS	PR NATION-IDE. NR SH CORNER US	PR STATEMIDE		
	40C@##18					50
	SOLITARY VIRED VIRED SULITARIUS	COMMON MITED N MARONODO-CONIFEROUS PORESTS	SR M THIRO, N GREAT LAKES, NE CORNER, NY SM IU AL, MR AZ E TO GA	UNCOMMON TO CUMPUN TV STATERJOL, SR NE. NoC		50
	MED-EALD AIMED	COMMON OECIDUOUS Forests	SR NATIONWIDE EXCEPT S- GTR	COMMON SR, TV STATE - 10E		
						50
500	PHILAGELPHIA VIREU VIREO PHILAGELPHICUS	UNCOMMON HOUG MARGIN Deciduous schub	TV E HALF US, SN N EUGE E HALF US	UNCOMMON TY STATE-IDE, BH NE, HAH!	_	
						50
	GILVUS VIRED VARSLING VIRED	RESIDENT OF TALL DECIDUOUS SMADE TREE	SR NATION-LOE EXCEPT TV 8 EGGE US	COMMON TV STATEMIDE, SR STATEMIDE FRMER NE		50
						,,
604	BLACROANDOBHITE MARBLER MMIOTILIA VARIA	FOODS	SR E THU THIROS US OR FL,TX, TV P1000 HT S:TU TX,4NO FL	COMMON TY STATEDIOE, BR NE, NO CENTRAL EAST OF MISSISSIPPI		50
10-1	COMMENTAL RESOURCE INVENTORY INPORMATION BUB-8VSTEM DATE: 07/08/76 22:48:53	r and analysis system (ER)	A5)		DEVELUPED E ST, PAUL UJ COMPS OF EN ST, PAUL, P	STHICT GINEENS

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10 NR	SCIENTIFIC NAMES	MASI 1A1	HANGE IN U.S.	RANGE IN STATE	NOTES ON LUCAL PUPULATION	000E
0005	PROTHONUTARY WARRLER PROTONOTARIA CITREA	CUMMUN WOODED SWAMPS	SE US S UF HN TO TX HN TU NJ	HARE SPRING TV, SH SE,C		504
0607	GULDEN-HINGED MARBLER VERMIVORA CHRYSOPTERA	UNCOMMON IN GRAY SIRCH, YOUNG DECID, GRONTH, ABANDONED PASTURES	SH NE US PN, IA SE IO NC N TO NJ	UNCOMMON SPRING TV SE,600,CASUAL ELSEMMERE,SR C,400		504
•0•	TENNESSEE MARBLEK MNIOTILIA VARIA	NESTS IN ASPEN AND SPRUCE WOODS	BREEDS NE US, NH HT, N MNs N HI, AND N HI, IV E THO-THIROS US,			50 <i>a</i>
610	CELATA OHANGE CRUMNED WARRLER OHANGE CRUMNED WARRLER	OCCURS SPRING, SUMMER, AND FALL IN STHEAMSIVE THICKETS	BREEOS = THIRO US. TV NATION-IOE. NR S EIGHTH US PLUS S CANULINA	COMMON TY STATE # 10E, SV N MALF		504
• 11	NASHVILLE PARBLER VERMIVONA RUFICAPAPILLA	NESTS ON GRUUND IN SPMAGNUM MOSS IN A HOODED SWAMP	BHEEOS W QUARTEM US PLUS NE MALF US	ABUNDANT TV STATEWIDE, SH NE, NC		504
1412	NUHTMERN PANULA (FAMBLEM) Parula Americana	NESTS USING USNEA LICMEN AND IT IS MANGING FROM BRANCH OF EVERGREEN	SHEEUS E HALF US	HARE TV STATE-IDE, SR NE AND NC		>04
0613	VELLOW WAMBLEN DENORUICA PLIECHIA	NESIS NILLON, THICKET ORCHAROS, SUBURBS, UM HOIST NODOS AND IN BUSMES	BREEUS NATIUN-IUE	COMMUN SH, IV STATE=EDE		504
7614	WAGHOLIA WAMBLER OENGROICA WAGHOLIA	NESTS IN SHALL EVERGREEN THEES UF A CUNIFEROUS FUREST, E THU-THIRDS IV.		COMMON TY STATE-101, SH NE, NC		504

ENTIRONMENTAL HESOURCE INVENTORY AND ANALYSIS SYSTE" (ERIABI BIG-INVORMATION SUM-BYSTEM RUN OATE: 07/08/76 22:44153 UEVELUPED BY:
ST, PAUL DISTRICT
CUMPS UP ENGINEERS
ST, PAUL, MINN 55101

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-	COMMON NAME SCIENTIFIC NAMES	MABIIAT	MANGE IN U.S.	RANGE IN BTATE MINNESOTA	NOTES ON LOLAL POPULATION	COUE
••••	••••••••	******************			•••••••	••••••
615	CAPE MAY WARBLER DENOROICA TIGRINA	NESTS IN SPRUCE TREE AT OUTER EOGE SPRUCE GOG	BREEOS NO 10 M1 TO NY NORTHARD	UNCOMMON TO E THIRD, SR N PART OF NE.		>0 a
616	BLACK-THROATED BLUE -ARBLEH DENORDICA CAERULESCEMS	NESTS UP TO THREE FELT FROM GNOUND IN BRUSH, EVERGREEN OR DECIOLOUS	BREEDS & EIGHTH US FROM MN EASTBARD, ALSO ME US AND APPALACHIANS	RARE TV STATE-IDE RARE SR NC, NE.		504
617	YELLOW RUMPEO (MYNTLE) WARBLER DEMOROICA CURUWATA	NESTS IN TREE OF COMIPEROUS FOREST	SREEOS N NN 10 N MI 10 MA NORTHWARD NINTERS SE MALF US	ABUNDANT TY STATE-10E, BR NC.NE		504
•1°	BLACK THRUATED GREEN MARHLEN DEMORDICA VIRENS	NESTS IN EVENGREEN, SOMETIMES DECIDOOUS TREES IN A FONEST	BREEOS MM TO DM TO AL TO GA MORTMUARO	UNCOMMON TO NE MALF .BR NE AND NO		504
050	CERULES MARRIEM CERULES MARRIEM	MESTS ON MORIZONTAL OR ORODPING LIME IN OECIDIUM'S -MODS AS RIVER VALLETS	BREEOS E HALF US EXCEPT N.S. AND EAST EIGHTHS	RARE TV SUUTMERN THU-TMIROS, SR S THU-THIROS		\$04
1590	RLACRBUNNIAN MARHIEN DENOROILA FUSCA	NESTS ON BRANCH IN COMIFEROUS FORESTS OR MIXED +0005	BREEDS MN TO SH TO PA NUMTHWARD AND APPALACHIAN HTS, TV E MALP US	UNCORMON TV. SP NE ANO NC		504
0623	CHESTHUT SIDED HAMHLEN DENUNCICA PENSYLVANICA	NESTS TOU TO THREE FEET FROM GROUND IN OFCIOUOUS BRUSH	SHEELS WE TO MI 10 NJ NORTH-ARO, TV E MALP US	STATEMIDE TV SR NORTHERN HALF		>04
1624	BAY MMEASTED MANBLEN DENOROICA CASTANEA	NESTS IN TREES OF CONTERNOUS OR MIXED FOREST	BREEDS N HN TU NV TO NM NORTHHARO, TV & MALF US	UNCOMMON TV SIATERIDE SH NE WUARTER		504

ENVIRONMENTAL RESUUNCE INVENTORY AND ANALYSIS SYSTEM (EMIAS) SIO-INPORMATION SUB-SESTEM HUN DATE: 07/09/74 22:44153 DEVELUPED BY: ST. PAUL DISTRICT CHARS OF ENGINEERS ST. PAUL, MINN 35101

ID NA	COMMUN NAME SCIENTIFIC NAMES	HABITAT	HANGE IN U.S.	RANGE IN STATE	NOTES ON	SOURCE
OF	ACRPOLL WARBLEN Noroica Miata	OCCUMS AS SPRING AND PALL MIGRANT; CONIFER (SPRUCE, PIN, PINE, CEDAR, MFMLOCK)		COMMUN TV		504
DE	NEARBLER Nordica Nus	NESTS ON LIMS OF TREE IN A PINE POREST	SREEDS E MALF US. PR S THIRD AND ALONG ATLANTIC COAST	UNCOMMUN TV STATEWIDE, SR NE, NC.		504
04	AIRIE -ARBLER HDRDICA SCOLOH	BREEDS IN YUUNG DECIDUOUS ON CONTREMOUS STANDS OR HODO MARGINS	WREEOS S MISCOMSINIO NJ SOUTHMARD. MINTENS IN FLORIDA	ACCIDENTAL EC		504
08	MOPOICA LMARUM	NESTS ON GROUND IN BOGS	BREEDS N MN,MI,NH, AND MAINE TV E MALF US,MM ALONG EAST AND GULF COASTS	STATERIOE TV BUT UNCOMMON W MALF, SR NORTHENN THING		504
	ENGIRO IURUS ROCAPILLUS	CUAMO# DECIPOOR	SR NE TOU THINDS US. TV S OF SR HANGE, NK S TIP FL	COMPUN TY STATE-IDE. SM ALL HOUDED AREAS E-C. TU 8		504
84	RTMERN MATERTHRUSH [URUS VERGRACENSTS	COMMON NORTHERN BOGS	SR N EDGE US.TV & THO THINDS, ON S TIP FL	UNCOMMUN TY STATEMICE, SH NE, NOC		504
94	NTUCKY MANALEN OROWIS RMUSUS	CUMMON MOIST OFCIONON MOIST AMPLE CHOUND MOOS FITM	SR SE US NH TO IA	CASUAL SPHING TV		504
940	NACTICUT -ARBLEH ORGRAIS ILIS	UNCUMMON MOIST MOOOLANDS,DENSE UNDERSTORY	SR NO, MN, "I. TV E, SE VS NU TO FL	RANE TV STATE-JUE SN NE, N-C		504
IO-INP	-thial resounce invertent ormation sub-system E: 07/08/70 22348353	AND ANALYSIS SYSTEM (EN	15		DEVELUPED ST, PAUL I CUMPS OF I ST, PAUL,	PLSTHIC1 ENGINEENS

IO NR	COMMON NAME SCIENTIFIC NAMES	HABITAT	RANGE IN U.S.	RANGE IN STATE	NOTES ON LOCAL POPULATION	80URC C00E
••••		•••••••	*****************			•••••
434	MOURNING WARRIER OPOMONIS PHILADELPHIA	UNCOMMUN MEAVY UNCERRUSM	SR N EOGE US NO E TV E MALF US TO GULF COAST			>0
635	COMMON VELFORTMHUAT	COMMON MOIST GRASSY SHRUSHT AMEAS	RR 8 EOGE US SR N	COMMUN SR,TV Statemice		,
	THICHAS	SAROSOT AMEES				50
						,,,
637	HUDDED MARBLER MILBONIA CITRINA	COMMON MUIST CECTOURUS MUCOS -IIM ASUNGANT UNDERSHOWTM	SR SE US IA TU NJ S TV FL.TX	ACCIDENTAL TV STATEMIDE		
	1					50
36	HILSON'S MARGLER WILSONIA RUSILLA	COMMON THICKETS ESPECIALLY MILLOMS	SR NH S 10 NH AND N EOGE US UR TO HN	COMMON TY STATEMICE		
						50
639	CANADA MAMBLER MILBONIA CANADENSIS	CUMMO# # FOREST	TV & MALF US.SR N EOGE, E MALF US	UNCOMMON TO COMMON TV STATEMIOE, SR NE		
						50
600	AMEHICAN REOSTART Sktopmaga Ruticilla	COMMON OECIUUNUS FOREST UNUEMSTORY NEAN MATER	SH NATIONHIOE EXCEPT H COAST AND SH GTRS US,TV UT TO TX,UT TO	STATE - 10E, SP		
			AS, SE EDGE IIS			50
441	MOUSE SPARROM PASSER	ARUNDANT FAMMS, CITIES, SUBURSS	PR NATION-SOL	PR STATEMIOR		
	OUMESTICUS					>0
• • 2	OHASIAUSIR ONFIGNUMAX BABOFIME	COMMUN IN MAYFIELDS, FALL TV NEAR MARSMES	SR N THING US TV NV	COMMUNITY STATEMIOE EXCEPT NE N=C.8R ==C.N=		
						50
	Observation of the state of the	. AAA AAA WATA AUGILM /LC1	461			
	CONMENTAL RESOURCE INVENTURY INFORMATION SUB-STRIEM JATES 07/08/78 22:48:53	AND ANALYSIS SYSTEM (ERI	A\$) 55			PREINFERI PIBINICI PAI

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ID NR	COMMUN NAME Scientific Names	MAB17A7	HANGE IN U.S.	HANGE IN STATE MINNESDTA	NUTES ON LOCAL MOPULATION	SOURCE
43	EASTERN MEADDOLARK Stunnella Magna	COMMON IN FIELDS AND DN PENCES	PR SE MALF US MN SW TU AZ SR N EDGE E MALF US = H AZ	COMMON TY E HALF SR E HALF, UNCOMMON MH S HALF		504
. 4	HESTEHN MEADUHLARK STURMELLA NEGLECTA	COMMON IN FIELDS AND ON PRINCES	PR - MALP EXCEPT SH MID-MEST, WR TH AREA	COMMON SROTY STATEWIDE , WR S MALP		
						504
45	YELLD#=#EADED RLACKBIND RANTHOCEPHALUS RANTHOCEPHALUS	COMMON IN CATTAIL AND TULE MARSHES	PR SH CORNER, SR N THO THIRDS, TV SE DP SR HANGE SE TO TR	COMMON TV STATEWIDE, SR STATEWIDE EXCEPT WE		504
46	REDWINGED SLACKSIRD AGELAIUS PHOENICEUS	ABUNDANT IN FISLDS AND MARSHES	PR S THO THIRDS, SR N THIRD	CDMMON SR,TV STATE=1DS		504
PAG	NUMTHERN (BALTIMONE) DPIOLE ICTERUS GALBULA	COMMON IN TALL ELMS AND SMADE THEFS	SH NS THU THIRDS EXCEPT TV S DF THIS AREA	COMMON SR, TV, NP SE QUARTER		504
5 0	RUSTY PLACEBIND EUPHAGUS CARDLINUS	UCCURS AS SPRING AND FALL TV AND HV9 HAROHODOS(ELM, SIRCH, MAPLE, ASM)	WRELOS NE US AND N APPALACHIANS TU NY MINTERS SE MALF TV IN BETHEEN	COMMUN TY STATEPIOE, UNCOMMON NV S. RARE IN N		304
51	BHEMERS BLACKBIND BUPMAGUS CYANDCEPMALUS	NESTS IN CULUNIES UN GRUUND IN MEADOWS	SRESOS MI TO AZ HORTHMARD.MINTEH MA TO AL SUUTHMARD	COMMON TO SR STATE-IVE EXCEPT MEAVILY HOUDED AREAS OF N		504
652	CUPMON GHACKLE QUISCALUS QUISCULA	NESTS IN CITIES, FARMS, STC IN CUNIFER IF POSSIBLE	BREEDS E MALF US AND ND, SD, NY, AND MT.	STATEMINE PR UNCOMMUN IN WINTER		504
10-	PONMENTAL RESOURCE INVENTORY A INFORMATION SUB-SYSTE* DAIE: 07/08/TH 22:48:43	NO ANALYSIS SYSTEM (EHI	48)	A	DEVELUPED ST. PAUL U COMPS OF E	TOIRICT

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ID NR	CDMMON NAME BCIENTIFIC NAMES	MABITAT	RANGE IN U.S.	MANGE IN STAIL	NOTES ON LOCAL POPULATION	SDUHCE CODE
0653	BMD=N MEADED CU=BIRD MULUTHRUS ATER	DOES NOT MEST. PARASITISES OTHER SIROS NESTS: DPENINGS UPLANOSEFIELDS		CDMMDN SR,TV STATE=IDE		504
654	MESIERN TANAGER PIRANGA LUDDVICIANA	NESTS IN TREES IN CONIPER DH DECIDUDUS FORESTS	BREEDS N THIRD US	CASUAL SPRING MIGRANT		
						504
455	SCAMLET TAMAGEM PIRANGA OLIVACEA	NESTS IN PLUDDPLAIN OR MOIST HOUDS DECIDUOUS ON PINE GAK.	BREEDS WE HALF US TV SOUTH UF GRESDINS RANGE	UNCOMMON TY E HALF RARE = MALF, STATE=IDE SR		>04
•5•	SUMMER TANAGER Piranga Rusra	OCCURS DUMING SPHING IN OPEN DRY WOODS OF DAK, PINE, MICKORY AND WILLD	BREEDS AZ TO OR TO TA TO PA SOUTHHAND	CABUAL SPHING MIGHANT STATEMIDE EXCEPT NM GUARTER		504
657	CARDINAL IS CARDINAL IS	NESTS IN BUSHES, SMALL TREES IN MOOD- MARGINS, SUBURBS,, AND RIVER VALLEYS	PR SE SD TD NY SOUTH ALSO S AZ AND NM	PR & THO-THIRDS		504
656	RED (RDSE) HREASTED GHOSBEAK PMEUCTICUS LUDDVICIANUS	NESTS IN THEES OR BUSHES OF DECIDUOUS HDUDS UR DEU URCHAROS	BREEDS WE HALF US IV SOUTH UP BREEDING HANGE		q	504
0659	ELACH-MEADED GHUSHEAK PHELCTICUS MELANDCEPHALUS	MESTS IN OPEN DOUDS ESPECIALLY DECIDUOUS	BREEDS w MALF US	ACCIDENTAL SPHING AND BUMMER		
						504
0661	INDIGO BUNTING PASSERINA CYANEA	NESTS IN HUSHES DR HEDGEROMS, ALONG MOUD MARGINS	BREEDS & MALF US	STATERIOR TV. SR. LESS CURBUN IN NE		
						>04

ENVINONMENTAL MESOUNCE INVENTORY AND ANALYSIS SYSTEM (ENIAS) SID-IN-PORMATION SUB-SYSTEM RUN DATE: 07/08/76 22:48:55 UEVELUPED BY:
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LDRPS OF ENGINEERS
ST. PAUL, WINN 55181

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10 COMMON NAME NR SCIENTIFIC NAMES	MABITAT	HANGE IN U.S.	RANGE IN STATE PINNESOTA	NOTES ON LOCAL POPULATION	SOURCE COUE
	***************		•••••••	••••••	
DOOR CARULI BUNTING PASSERINA AMDENA	NESTS IN SCATTERED DECIDUDUS OR SCHUR GRO-TH	BREEDS AN QUARTER US AND CA,TV SOUTH UF BREEDING GROUNDS	ACCIDENTAL * MALF		50#
DICACISBEL BYIZA AMERICANA	NESIS ON GROUND OR BUSHES IN GRAIN FIELOS OR WELD PATCHES	WREEOS E INCOTMINOS US EXCEPT E EIGMTH OINTERS E COAST	SR,TV S HALF		504
JOGU EVENING GROSPEAR MESPERIPHONA VESPERTINA	NESTS IN CONIFER Forests	PR - THIRD US, HINTERS # MALF.N MALF AND EAST- CENTRAL US	STATE-IOE SH,TV,-V HAHE SR S T-O-THIRUS		504
065 PURPLE FINCH CARPHDACUS PUMPHREUS	NESTS USUALLY IN EVENGHEEN IN OPFN NOOS.	SALEUS N NO TO MI TU UM TU NY NORTH-ARO AND " COAST, FINTERS E MALF, M TMINO	TVV STATE-IUE, SR NE.NC,		>04
ONGO PINE GRUBGEAN ENICOLA ENUCLEATOR	NESTS IN CONTRERUUS FOREST ON LOWER WRANCH	BHEEDS IN HOCKY MOUNTAINS AND MAINE, -INTERS N THIRD AND - MALF US.	TV. HV. SH STATE HIDE BUT UNCOMMON TU HAME UUTSIDE UF NC AND NE NE		>04
SOOT HUMPY REPODEL AGANTHIS Horneman's	USUALLY FOUND ON SNOW COVERED FIELDS	WINTERS N QUARTER US	RAPE OF N THUS THIRDS		
					904
DAGN COMMON MEDPOLL ACANTMIS Flamme a	USUALLY FOUND IN SNOW COVERED FIELDS; OPENINGS (UPLANDS AND FIELDS)	PINTERS N MALF US	COMPON TV, NV STATE HIDE		504
OOGG FUX SPARPUN PASSERELLA ILIACA	OCCURS ONLY AS TV AND AV, CONIPERS (FIR MEMLUCK, SPRUCE, PINE, CEDAN)	BREEDS NE GUARTEN US ANU RINTER SE NALF, N COAST AND AZ, NM. TV NATIONATOE,			504
ENVINONMENTAL RESOUNCE INVENTORY Bin-information sub-system Run Daits (7/08/76 22:48:53			••••••	ST. PAUL ST. PAUL CORPS UP	DISTRICT ENGINEERS
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10 NR	COMMON NAME SCIENTIFIC NAMES	7471BAH	RANGE IN U.S.	HANGE IN STATE MINNEBUTA	LUCAL POPULATION	300MC6
0670	PINE SISKIN SPINUS PINUS	IMMEGULARLY COMMON	SR NW OR E TO MN, OR SE TO NY, PR II MALF, WR NE GTR 10 MN, SH TO TX, NOT SE	COMMON TV E.C. SR NE, NoC. NV STATERIOE		504
673	AMERICAN GOLDFINCH PINUS TRIBTIS	COMMON, WELOY FIELDS BUSMES, ROADSIDES SELO-SEAHING TREES	SR N US TOO THINGS OR S THING US, PR NE, NE, CENTRAL	COMMON TY STATE - 10t - HR STATE - 10t - HOST S HALF		502
672	REO CHOSSBILL Loxia Curvirostha	UNPREDICTABLE.COM+UNIN PINE HODOS	PR N# US CA TO MN	ERHATIC TV. = Y STATE = IOE. IRREGULAH BR = MALF		504
673	mmitte-inged crussmill Luxia Leucuptera	UNCOMMUN, SPMUCES, Pines, Larches	PRINE EDGE US. OR HANGES N MALF US	UNCOMMON TY FALL NEW RARE Now HALF		504
0 3 7 4	RUFO//S=\$10ED(MF0=EYEC,F)TD=MEE PIPILO EMYTHROPHTHALMUS EHYTHROPHTHALMUS	COMMON, BHUSM, MEAVY UNDERGROWTM, MOUD MARGINS, MEDGEROMS	PR NATIONALOE EXCEPT BR N EOGE, NR SAC N TO NE			>04
676	SAYANNAM SPARROW PASSERCULUS SANONICHENSIS	CUMMUN LANGE FIELDS SMORT ON SPARSE GRASS, mEEUS	PH - COAST, SH N THIND, BH S THIRD, TV btinttn	COMMUN TY.SH STATE-10E		>04
0677	GRASSMOPPEN SPANNU» AMHUDRAMUS Savannarum	COMMON MAYFIELDS, MEEDY FALLOW FIELDS	SR N MALF PROTVOMR S MALF	UNCOMMUN TO COMMON SPRING TY EXCEPT NOC, NE, SH STATEWIDE		504
9679	LE CONTE'S SPARRO. PASSERMERSULUS CAUDACUTUS	COMMON TALL MARSH GRASS SUMMEN, RARE DMY FIELDS minten	SR N NIO-HEST, HR SE GULF COAST, TV BEINEEN	UNEGHION TO COMMON TY WOUNCOMMUN TO MAKE Cotosk NH		504

ENVIRONMENTAL RESOURCE INVENTORY AND ANALYSIS SYSTEM (EMIAS) BIO-INFORMATION SUB-SYSTEM RUN DATE: 07/08/76 22148:53

DEVELUPED BYS ST. PAUL DISTRICT CORPS OF ENGINEERS ST. PAUL, MINN 55101

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PAGE NO. ST

IO NR	COMPDN NAME SCIENTIFIC NAMES	TATIBAM	HANGE IN U.S.	HANGE IN STATE FINNESOTA	NUILS DN LOCAL POPULATION	SDURC!
••••				***************************************	**************	•
0 . 81	Ewandsbild Ewandsbild Ewand-Luifed Abannin	COMMUN IN SMORT GRASS SALT MARSHES FRESH MARSHES	SR NO. TV E MALF US HR E, GULF CDASTS	HARE TO UMCUMMON TV STATERIDE, SR NO		50 H
5900	VESPEN SPÄNNU» Puuecetes Ghampineus	COMMON HEADORS, PASTURES, MAY AND GRAIN FIELDS	SR N MALF US, OR S MALF US, SMALL AMEA TV RETNEEN, S-C	COMMUN TY STATHIDE EXCEPT NORTHEAST, SH STATE-HIDE FEHER NE, HH SE HALF		504
0083	LARK SPAMRD» C#DNDESTES GRAMMACUS	COMMON DRY FIELDS NEAR BHUSH OR TREES	SH NO THO THINDS, PR, OR S EOGE US	UNCOMMON SPRING TV SE, E=C, Nm, SH SE, E=C, C, Nm		504
0 6 8 4	DARKEEYED(SLATE-COLUMED) JUNCO JUNCO mye-alis	CDMMON BHUSMY CLEARINGS, BORDERS CDNIFERDUS FDRESTS SUMMER	PR ME CORNER, SH NO MN TO MI, AR EMTIRE US EXCEPT SH CONNER	STATE-IDE. SR NE, N-L		504
0085	THEE SPANNON SPIZELLA ANRONEA	CDMMON HILLOW THICKETS, MEEDY FIELD MEDGERDNS	HR CENTRAL THING E US. TV N THIS HANGE			SON
0686	CHIPPING SPARNOS SPIZELLA PASSENINA	COMMON DN LA-NS, BPARRE GRASS UNDER SCATTERED THEFS	PR, HR 8 EDGE US, SK N THU THINGS US	COMMON SH.IV STATERIUE		504
0687	CLAY-COLDRED SPARHON SPIZELLA PALLIDA	COMMON IN OPEN	SH W MIDONEST, TV C MIDONEST, PH S EDGE MIDONEST	UNCOMMUN TO COMMUN TV STATE-IDE, SH STATE-IDE, RAME S HALF		504
0688	FIELU SMAMRUO SMIZELLA PUSILLA	CUMMON ABANDONED FIELDS -ITH TALL GRASS OR SCATTERED SAPLINGS	PR. AM S THU THIRDS OF E HALP US.SH V THIND, BUT NOT ID N EDGE	COMPUN TV St,E=C, uncompun d=C,Sn,C, n=C, SH & H&LF		504

EMPINDMENTAL RESOURCE INVENTORY AND ANALYSIS SYSTEM (ENTAS)
BIG-INFORMATION SUB-SYSTEM
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10	COMMON NAME SCIENTIFIC NAMES	MABITAT	HANGE IN U.S.	HANGE IN STATE	NOTES UN LUCAL POPULATION	SDURC CODE
689	HARRIS SPANRO- ZUNDTRICHIA GUERULA	CUMMON, FINTER, MEOGEMONS, SUOD MARGINS AND BRUSH	HR SMALL AREA C US. N TO 14 S TO TX ,TV HIDOREST	COMMUN TY W MALF YERY RARE WR S MALF, SW, CASUAL ELSEWMERE		504
••0	MMITE-CROWNED SPARROW ZO-OTRICHIA LEUCOPHRYS	COMMON THICKETS MEDGENUMS, WOOD MARGINS ADJACENT TO FLOS, OPN, AREAS	AR NR, H COAST, NR S HALF UB, EXCEPT SE CONNER, TV NE TO MIUNEST	UNCOMMON TO COMMON TV STATEMIDE. RANE ON SE		504
91	SUNG SPARRO- MŁLOSPIZA MŁLODIA	NESTS ON GROUND OR IN BUSHES OR SMALL EVERGREEN 1-8 FT UP IN OPENINGS	BREEDS N THO-THIRDS US NINTERS S THREED BUARTER US	COMMON TY AND BR STATERIOE, RARE NH.		504
• ?	LINCOLN'S SPARRON MELORPIZA LINCOLNII	COMMON THICKETS Along Rogs, Streams	SR NE EOGE, NOC, NH CA E TO AR, TY ELSENMERE	UNCOMMEN TY STATE+IDE, SR NE		504
43	MMITE-THROATED SPARRO- IONOTRICHIA ALBICOLLIS	NESTS ON GROUND IN BRUSHSTHICKE- EDGES- SLACK SPRUCE-TAMARAK SHAMPS - BOGS		HEGULAR, SM + TV3 ASUNDANT SEPING AND FALL MIGRANT STATEMICE		504
9.0	SHAMP SPARUDA MLLUSPIZA GEORGIANA	NESTS DN DR NEAD Ground in Marshes ur Smamps	BREEDS NO TO NE EASTWARD, WINTENS HS TO L TX EASTWARD	SRICASUAL OF INTER COMMON SPHING & FALL MIGRANT STATE OF UCOPALLONTH		504
97	SNO- BUNTING PLFCTROPHENAX NIVALIS	MUSI ABUNDANI IN	HINTERS CA TU Nº TU IN TU VA NORTHHAND	COMMON STATE TOE TY BY STATE TOE EXCEPT HODDED AMEAS HE AND NO		504
0.	IDAMENTAL RESOURCE INVENTOR INFORMATION SUB-87STEM	Y AND ANALYSIS SYSTEM (ER)	A\$)	••••••••••	DEVELUPTO ST. PAUL I LOHPS OF I	DISTHICT

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ENVIRONMENTAL MESTURCE INVENTORY AND ANALYSIS SYSTEM (ERIAS)
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